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ECONOMIC MATERIAL

on the

LAKE ERIE ECONOMIC REGION

(Counties of Elgin, Middlesex, Norfolk, Oxford)

Regional Development Branch

Office of the Chief Economist



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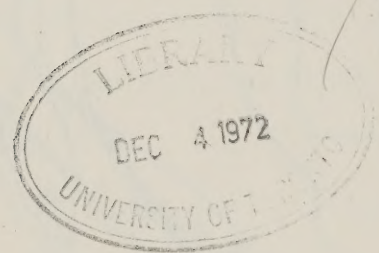
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ECONOMIC MATERIAL ON THE LAKE ERIE ECONOMIC REGION
(Elgin, Middlesex, Norfolk and Oxford Counties)

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Presented at the Lake Erie Regional
Economic Conference, London, Ontario
Thursday, October 21st, 1965

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Prepared by
Applied Economics Branch
(formerly Special Research and Surveys Branch)
Office of the Chief Economist
Department of Economics and Development

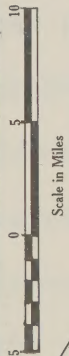
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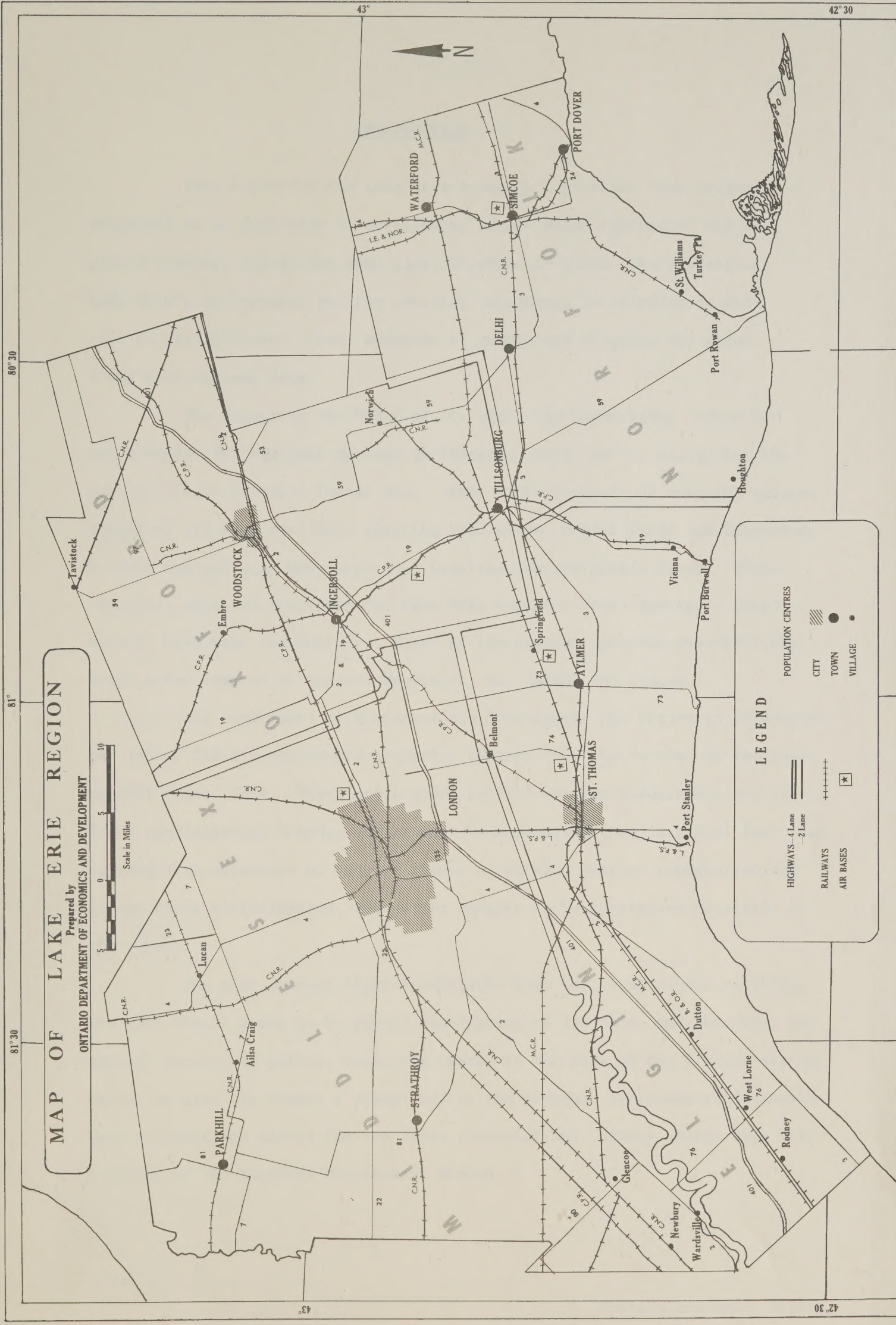
MAP OF LAKE ERIE REGION

Prepared by
ONTARIO DEPARTMENT OF ECONOMICS AND DEVELOPMENT



LEGEND

- | | |
|--------------------|-------------------|
| | HIGHWAYS - 4 Lane |
| | - 2 Lane |
| | RAILWAYS |
| | AIR BASES |
| POPULATION CENTRES | |
| | CITY |
| | TOWN |
| | VILLAGE |




INTRODUCTION

This report on the Lake Erie Economic Region has been prepared primarily as an indicator of development in the major sectors of the Region's economy, and at the same time, attempts to place, where possible, Lake Erie's performance and the counties' standings in relation to the rest of the Province. Thus, measures of growth and progress are shown along with current data.

The report is the third of its kind, the first being issued for the Georgian Bay Regional Meeting in February, 1965 and the second for the Lake St. Clair Economic Forum, June, 1965. This booklet, as with the others, comprises six main sections, covering Population, Labour Force and Education; Income; Agriculture; Manufacturing; Construction and Retail Trade. Where feasible, data are presented for Lake Erie Region's four counties - Elgin, Oxford, Middlesex and Norfolk. Parts of the tabular material deal with the major urban centres of London, Woodstock, St. Thomas and Simcoe.

The Department of Economics and Development has projected population and labour force measurements a quarter century into the future, on the basis of 1961 census data. These projections reflect current demographic and labour force participation trends, and it must be emphasized that in actual fact they represent an extension of current trends in births, deaths, immigration and labour force participation, and do not purport to be considered forecasts of the future.

The most current figures available have been used, where reliable. The text itself seeks to be purely descriptive of the data, and thus does not embrace aspects of policy, while the charts at the back of the booklet are designed to give the reader a visual aid to the economic performances discussed (and as reference points for the slide presentation). These charts have been prepared by the Regional Development Branch.



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P A R T I

TEXT

POPULATION, LABOUR FORCE AND EDUCATION

Distribution of Population

The Lake Erie Economic Region has a population of 405,258 (1961 Census), ranking sixth among the Province's 10 regions. Within the Region, the largest population, 221,422, resides in Middlesex County, fifth ranking out of the 53 counties and districts in Ontario. Oxford County has a population of 70,499, ranking 27th in Ontario (slightly less than halfway down the list), while Elgin County ranks 28th with 62,862 inhabitants. The smallest county, by number, is Norfolk County, with a population of 50,475 and ranking 34th in the Province. Thus, 54.6 per cent of the Region's population is in Middlesex, 17.4 per cent in Oxford, 15.5 per cent in Elgin, while the remaining 12.5 per cent of the people are in Norfolk. The population of the four counties taken together accounts for 6.5 per cent of the Provincial total.

Population Growth

From 1951 to 1961 the population of the Lake Erie Region grew by 27 per cent, well below the Province's growth of 35.6 per cent, and ranking 6th in relation to growth-rate among the 10 Economic Regions. However, the rate of increase of Middlesex's population was higher than the Region's and Ontario's, rising by 36.6 per cent and ranking 11th in the Province. The growth of the three remaining counties was far below the Regional average, Oxford County experiencing a growth of 19.9 per cent (28th in Ontario), Norfolk one of 18.2 per cent, ranking 32nd in the Province, and Elgin with the slowest increase of slightly more than 13 per cent (38th in rank).

During the semi-decade 1956 to 1961 only Middlesex County's population increase of 16 per cent compared favourably with Ontario's 15.4 per cent, while the population increment of the Region was 12.1 per cent. The population of Norfolk, Oxford and Elgin grew by 9.4 per cent, 8.1 per cent and 6.3 per cent, respectively.

Lake Erie Region's share of the Provincial population has in fact dropped from 6.9 per cent in 1951 to 6.7 per cent in 1956 and again to 6.5 per cent in 1961. Inside the Region, Middlesex's share has increased from 50.8 per cent to 54.6 per cent of the population, while the share of each of the three other counties has declined.

Population Projections

A study prepared by this Department, contains population projections over 25 years. On the basis of continuing current trends, the population of 405,300 in the Lake Erie Region is expected to grow to 631,900 by 1981 and 711,900 by 1986. The population in Middlesex will be 387,300 in 1981 and will have reached 447,400 by 1986, while that of Oxford will be just short of 100,000 in 1981 and amount to some 109,000 by 1986. Elgin's population will have reached 79,400 in 1981 and 85,300 in 1986, while Norfolk's will be 65,500 in 1981 and over the 70,000 mark by 1986. As expected, the growth of Middlesex's population will be proportionately greater than the other counties, all of whose agricultural content in their economy is much higher (Norfolk possesses the largest percentage of labour force employed by agriculture in the Province).

The major assumptions that have been used in estimating these population projections are that net migration into Ontario progresses at the rate of 30,000 persons a year, and that similarly the net migration between the counties within the Province will be 6,000 each year. In other words, the counties that attract people have a net gain of 6,000 per annum from the shifting of population between counties, and those counties that lose people, together bear a net loss of 6,000 per annum from such movements.

Labour Force

In spite of the fact that those in the 20-64 age group of the population will increase from the 1961 total of 210,000 to a projected 302,000 in 1981, their significance in the Region's total labour force will fall from 52.7 to 49.5 per cent. Meanwhile, the proportion of the young people up to the age of 19 will rise from 39.2 to 41.8 per cent of total population, and those over sixty from 8.1 to 8.7 per cent. As the bulk of the labour force is contained in the 20-64 age group, this means that a smaller working force will have to support a larger non-working population. This predicted trend will be made feasible by automation's rapid advances in contemporary society. Under the assumptions used for this projection, the population of the Lake Erie Region as a percentage of Ontario should show a slight decline from 6.5 per cent in 1961 to 6.4 per cent in 1981.

The Region's labour force as a whole will grow 46.2 per cent by 1981, as compared with 51.3 for Ontario. However, the 25-44 age group will

increase faster in the Region (42.3 per cent) than in the Province (37.8 per cent). The 45-64 age group will rise 40.1 per cent over the projected period, whereas the corresponding increase for Ontario as a whole will be 58 per cent. Similarly, the 65+ age group (containing most of the retired population), is estimated to grow at a slower rate than Ontario's - 30.1 per cent compared with 41.7 per cent. These projections indicate a favourable distribution of age groups for the Lake Erie Region.

The proportion of males and females working will also undergo some adjustment. Accompanying changes in the same direction for the Province as a whole, the proportion of males working in the Region will decline from 69 per cent to 66.5 per cent by 1981. Data for Ontario shows a decline in the proportion of men from 71 to 68 per cent, thus indicating the rising importance of women in the labour force.

Education

In general, the quality of the labour force can be measured by the level of education attained, particularly in an appraisal of technical, managerial or professional classes. The Lake Erie Region as a whole has 19.7 per cent of its population (over 5 years of age and no longer at school) who have enjoyed 3 or 4 years secondary school education, slightly higher than the Provincial equivalent of 18.9 per cent. Eight per cent have had five years secondary schooling (just less than the 8.2 per cent in Ontario). Both Middlesex and Elgin have more than 19 per cent of their non-student population with 3 or 4 years secondary education (Middlesex 22.2 per cent), while Oxford (17.1 per cent) and Norfolk (13.2 per cent) have less than the Regional and Provincial averages. Again, Middlesex has an above average population with 5 years secondary schooling (9.6 per cent), while Elgin (7 per cent), Oxford (6.2 per cent) and Norfolk (4.8 per cent) all compare less favourably.

In the realms of higher education, the Lake Erie Economic Region fares among the top regions in the Province, ranking 4th out of 10 with 5 per cent of its non-school population having had a university education. Middlesex County has the largest group of university-educated citizens in the Region, with a proportion of 6.3 per cent, ranking 6th in the whole of Ontario, besides being above the high Provincial average of 6 per cent. Elgin ranks 28th with 3.7 per cent, Oxford 31st with 3.5 per cent and Norfolk 45th with 3 per cent. It should be noted that Ontario's average is high mainly because of Eastern

Ontario's 7.9 per cent and Metropolitan's 7.8 per cent, the two regions combined accounting for almost half the Provincial population. All these figures are derived from the 1961 Census, the only available source for the analysis undertaken.

As an addition to the educational picture, the Minister of Education's Annual Report (1964) indicates that the Lake Erie Region has 15 secondary schools. Five of these are in Middlesex and employ 144 full-time teachers for the instruction of 3,041 pupils. There are four secondary schools in Norfolk County, employing 169 full-time teachers for 3,318 pupils, while Oxford County has four secondary schools with a staff of 144 full-time teachers responsible for 2,778 children. Elgin County possesses just two secondary schools with 1,336 pupils taught by 69 full-time teachers.

INCOME

Labour Income Distribution

With labour income amounting to about two-thirds of total net national income, this factor, as well as its rate of growth, is highly significant in assessing the magnitude of overall economic growth. Labour income in the Lake Erie Region increased from \$189 million in 1951 to \$460 million in 1963. This is equivalent to an annual growth rate of 7.75 per cent as compared to 7.25 per cent for the Province. Likewise, the Region's labour income has increased its share of Ontario's total. Whereas in 1951 it represented 5 per cent, the Region's labour income accounted for 5.3 per cent of the Provincial total in 1963. Preliminary estimates suggest that labour income in the Region reached some \$478 million last year.

Within the Region, Middlesex County accounts for the major share of labour income, with \$299 million or 65 per cent of the Regional total in 1963. Oxford County came second with \$69 million or 15 per cent of the total. Elgin and Norfolk accounted for \$59 million (12.8 per cent) and \$33 million (7.2 per cent) respectively.

Growth of Labour Income - 1957-1963

The average annual rate of growth of labour income was highest in Middlesex - $7\frac{1}{2}$ per cent. This has increased the County's share in the Region from 63.5 per cent in 1957 to 65.0 per cent in 1963. The second highest rate was Oxford's ($6\frac{3}{4}$ per cent), although its relative share in the Region dropped

slightly from 15.3 to 15.0 per cent. Both Elgin and Norfolk experienced an annual rate of growth of $6\frac{1}{4}$ per cent, slightly reducing their importance in the Region between 1957 and 1963. The Lake Erie Region's annual growth rate for the period was $7\frac{1}{4}$ per cent, as compared to $5\frac{1}{2}$ per cent for Ontario.

Labour Income Per Capita

The Region's average labour income per capita increased from \$2,425 in 1957 to \$3,091 in 1963. Among the individual counties, average labour income per capita ranged from \$3,349 in Middlesex to \$2,287 in Norfolk, (which is predominantly agricultural). The corresponding statistics for Elgin and Oxford were \$2,901 and \$2,787, respectively. In comparison, the Provincial average for 1963 was \$3,678.

During the inter-censal decade ending in 1961, the proportion of individuals earning less than \$2,000 per year decreased from 54 per cent to 31 per cent, those who earned \$4,000 and over increased from 4 per cent to an impressive 27 per cent.

Family Income, Wage-Earners and Disposable Income

For the year ending May 31, 1961, the average total income for families in the Lake Erie Region ranged from \$4,666, in the County of Norfolk, to \$5,824 in the County of Middlesex. Total income statistics include salaries and wages, family allowances, transfer payments, pensions, interest, dividends, investment income and all other money income. Family total income averages were found to be highest in urban centres. The London City average was \$5,990, 3 per cent above Middlesex County's average as a whole. The corresponding statistics for the cities of Woodstock and St. Thomas were \$5,404 (7 per cent above Oxford) and \$5,359 (9 per cent above Elgin).

The latest taxation statistics available show that in 1963 there were 122,592 taxpayers in the Lake Erie Region whose combined earnings exceeded \$536 million. This represented an average annual income per taxpayer of \$4,371.0, or almost 40 per cent over the 1952 average income of \$3,131.

Disposable per capita income for the Region as a whole was \$1,520 in 1961, ranking sixth among Ontario's ten economic regions. Within the Region, the highest per capita disposable income was reported in Middlesex (\$1,610), followed by Elgin (\$1,500), Norfolk (\$1,370) and Oxford (\$1,350). Per capita disposable income in the Province as a whole was \$1,610 in 1961.

In Middlesex, 8.8 per cent of wage-earners make more than \$6,000 a

year, the largest such proportion in the Region. Norfolk's share of wage-earners in this category is lowest at 3.8 per cent. In between these two counties are Elgin (6.3 per cent) and Oxford (4.7 per cent). In the whole Region 7.3 per cent of its wage-earners earned more than \$6,000 a year.

Just over one-quarter (25.4 per cent) of all wage-earners in Norfolk earned less than \$1,000 in 1961, while in Middlesex only 12.9 per cent were in this classification. Again, Oxford and Elgin fell between these two marks, with 17 per cent for the former and 19.4 per cent for the latter. Almost 16 per cent of the Region's wage-earners as a whole earned less than \$1,000. However, the factor of undeclared earnings is particularly important in this area, especially in the tobacco-growing districts, and consequently official data can be somewhat distorted in its references to low-earning groups.

AGRICULTURE

Area, Number and Size of Farms

Approximately 1,887,000 acres or 87.8 per cent of the Region's land area consisted of farm land in the latest Census year 1961, representing a decrease of 3.6 per cent since 1951. The comparable proportion in the Province as a whole was 8 per cent (9 per cent in 1951).

The number of farms in 1961 was 15,102, 1,869 fewer than ten years earlier. However, the average area per farm increased from 115.3 acres to 124.9 acres in the same period, following the general trend in agricultural development.

Partly due to the fact that the Region is one of the most intensively cultivated agricultural areas of the Province, the average acreage per farm is lower here than the comparable Ontario figure (153.1 acres).

Farm Capital

The rapidly growing modernization and mechanization taking place in agriculture appear to make the farms of the Region increasingly capital intensive. The growth between the Censuses of 1951 and 1961 in the total average capital value per acre was 73 per cent, (from \$201 to \$347), a considerable gain even if we allow for price changes. One of the major components of the total capital value, Land and Buildings, rose even more sharply (106 per cent), while the value of Machinery and Equipment increased by 56 per cent over the decade.

Field Crops

The major field crops grown in the Region are tobacco, grain corn, oats, soy beans and hay. Tobacco, which transformed vast, sandy wastelands of the Region into one of the most prosperous farming areas in Ontario during the 1920's, is found mainly in Norfolk County. In 1964, this County produced almost 60 per cent (66 million lbs.) of the Region's 111 million lbs. tobacco crop and accounted for nearly half of the Province's total output of flue-cured tobacco.

It should be noted that the 1964 crop was produced on a drastically reduced acreage because of the accumulated surpluses from preceding years. Fortunately, all the surpluses were sold last year, enabling tobacco growers to increase their acreage for 1965.

Grain corn production has perhaps experienced the most spectacular growth in the Region's agriculture. With a farm value of \$18.5 million in 1964, it was more than double the 1961 output of \$8.5 million. In spite of this remarkable increase in the Region (and also in other parts of the Province) demand is still in excess of local supply and large quantities are imported, mainly from the United States. It is anticipated that the acreage devoted to corn growing will continue to expand in the years to come.

The farm value of oats stood at \$9 million in 1964, representing 15.1 per cent of all the field crops produced in the Region. Although oats is still a very important crop in the agriculture of this area, its significance has been declining for a number of years, and a further decrease in its production is expected. One of the reasons for this adverse development has been oats rust, a disease that has been plaguing the country's oats fields. A large portion of the acreage withdrawn from oats production is now devoted to the growing of corn.

Valued at \$11.2 million in 1964, hay made up nearly 19 per cent of the Region's aggregate field crop production. It is interesting to note that the combined acreage of hay (232,500 acres) and improved pasture (367,000 acres) constitutes almost half of all the farmland in the Region. This becomes quite understandable when its extensive livestock population is considered.

Livestock

The number of cattle in 1964 was nearly 400,000, valued at \$65.1 million. This represents 80 per cent of the value of the Region's total livestock

population. In the Census year of 1951 the number was considerably lower (274,000), yet its dollar value was higher (\$67.5 million), indicating substantial price fluctuations.

Second in importance in the Region's livestock picture are swine. In 1964 the number of swine was some 270,000, accounting for over 13 per cent of the Provincial total. In 1951 the number was considerably lower (190,400) but in dollar value there was only a minor difference (\$7.5 million).

MANUFACTURING

Distribution of Manufacturing

The value of manufacturing produced in the Lake Erie Economic Region, \$713 million in 1962, accounts for 5.3 per cent of manufacturing in the Province. The major industrial group is foods and beverages, representing almost 28 per cent of the \$713 million. The electrical products industries account for 11 per cent and the metal fabricating industries for 10 per cent. Three groups, then, according to the data, account for almost half the Region's selling value of factory shipments in manufacturing. However, the large percentage of other major groups tends to clothe the significance of the tobacco industry, for which the only available statistics were published separately in 1960, when its factory shipments were valued at \$68 million or 11.3 per cent of the Region's manufacturing. Consequently, there are actually four groups comprising over 60 per cent of the total.

As regards the geographical spread of Lake Erie Region's manufacturing, Middlesex County accounted for more than 50 per cent of manufacturing value in 1961, while Oxford's share was some 22 per cent. The remaining 25 per cent is divided almost equally between Elgin and Norfolk. With reference to the distribution among the major urban centres, London accounts for 44 per cent of the Region's manufacturing, Woodstock for 12 per cent, Simcoe for 7 per cent and St. Thomas for 5 per cent.

Average Income and Value Added

By use of two major indicators for measuring an area's manufacturing development, the Lake Erie Economic Region does not fare too favourably. It ranks eighth in the Province for average income of manufacturing employees and seventh for the value added per employee in manufacturing. In 1961 average income was \$3,954 compared with Ontario's \$4,330, and value added per employee

was \$8,147, lower than the \$9,084 for the Province as a whole. Of the counties, Middlesex ranked 23rd in Ontario with an average income of \$4,043, Norfolk 25th with \$3,901, Oxford's average was \$3,843, which ranked 28th, while Elgin's \$3,711 ranked 30th of the 53 Provincial counties and districts.

Growth of Manufacturing

Considerable growth was experienced from 1957 to 1962 in a number of industrial groups operating in the Region, and the Regional growth in manufacturing of 24.9 per cent over the six years was greater than Ontario's increase in manufacturing selling value during the same period.

Over the decade 1951 to 1961 the Region's manufacturing growth of 54.6 per cent was considerably better than the Province's 48.8 per cent increase, while all the counties except Oxford experienced growth above both the Regional and Provincial averages. Norfolk's selling value of factory shipments increased by 68.3 per cent (the best performance), Elgin's by 65.7 per cent, Middlesex's by 55.3 per cent and Oxford's by 40.8 per cent. Among the faster growing industrial groups were electrical products (83 per cent increase), machinery (57 per cent increase), non-metallic minerals (+43 per cent) and foods and beverages (+27 per cent).

Investment

Investment in manufacturing can be gauged for the major industrial centres, and in large part the performance in these centres reflects change in the surrounding areas adjacent to them. Total new capital and repair expenditures in London were forecast at \$23 million, an increase of 29.3 per cent over investment in 1963 (\$17.4 million). This growth fell far short of Windsor's and was still below Hamilton's and Ottawa's, but was better than Toronto's and that for the Province in general (27.5 per cent).

London's major capital investment expenditures are in machinery and equipment (\$11 million), while its new construction and total repair expenditures were forecast at \$4.5 million and \$7 million, respectively.

RETAIL TRADE

Sales and Number of Stores

The 1961 Census statistics indicate that in 1961 there were 3,700 stores in the Lake Erie Region. Aggregate sales in that year amounted to \$429 million, or 7 per cent of the Provincial total. Some 1,900 persons work

in the Region's retail stores, 83 per cent of whom are paid employees, whose total payroll amounted to \$42 million in 1961.

Growth of Retail Sales

Within the Region, Middlesex County accounted for 62 per cent of all sales, Oxford County accounting for 15.5 per cent, while Elgin and Norfolk Counties were responsible for 12.5 and 10.2 per cent respectively of the total.

The growth record of retail trade in the Lake Erie Region during the decade 1951-1961 was favourable, and placed it in 4th place among Ontario's ten economic Regions. Whereas the Provincial rate of growth was 69.3 per cent over the 10-year period, the Region achieved a rate of 75.9 per cent.

Middlesex's retail trade grew the fastest of the four counties, ranking 5th in the Province with a 94.1 per cent growth. Norfolk's increased by 68.6 per cent and thus ranked a good 18th among 53 counties and districts, while low growth was experienced by Oxford (50.8 per cent increase - 33rd in Ontario) and Elgin (44 per cent increase - 40th).

Retail Sales Per Capita

Retail sales can also be expressed on a per capita basis, so that the purchasing power among individuals in the population is approximately measured.

Per capita sales in the Region grew from \$877 in 1951 to \$1,058 in 1961. During the 1951-61 period per capita sales by county registered the highest increase in Middlesex - 27.4 per cent as compared with 20.6 per cent for the Region. Per capita growth in Norfolk was 14.3 per cent. In third and fourth positions were Elgin (11.3 per cent) and Oxford (5.1 per cent).

Major Groups

In each county of the Lake Erie Region, the automotive group was the leading category in retail sales as revealed by the 1961 Census. Total sales in this group amounted to \$162 million, or 38 per cent of total retail sales. The food group (1961 sales: \$96 million) ranked second with 22.5 per cent of the total. The general merchandise group accounted for 11.6 per cent of the Region's retail market. Both the hardware and home furnishing group and the apparel and accessories group combined accounted for almost 15 per cent of the market. All other retail sales amounted to \$57 million, or 13 per cent of the total.

CONSTRUCTION

Significance of Building Permits

The level of construction activity in an area is taken to be a significant indicator of the health of the economy. Building permits issued may serve as a reasonable guide of intentions to build, although not necessarily of contracts awarded.

Growth of Construction

Although the actual value of building permits issued in the Region increased from \$67 million in 1963 to \$78 million in 1964, its share of the Provincial total of building permits issued diminished slightly from 5.6 per cent to 5.5 per cent. It ranked fifth out of Ontario's ten economic regions.

Over a longer period, however, the Region has exhibited a more impressive record. Whereas its share in the Provincial total amounted to 4.9 per cent in 1951, its proportion grew to 5.5 per cent in 1964. During this period, the aggregate value of building permits issued in the Region had increased 261 per cent to \$78 million by 1964, while Ontario's total increased by 223 per cent to reach \$1,434 million.

Type of Building

Broken down by type of construction, the residential category was pre-dominant in 1964 with total value of permits to build amounting to \$35 million (44.5 per cent). Institutional and government construction was second with \$25 million (32 per cent). Industrial construction permits amounted to \$10 million (12.6 per cent) while commercial construction permits were valued at \$9 million (10.9 per cent).

Major Urban Centres

One urban centre, Metropolitan London, claimed two-thirds (\$52 million) of the total value of building permits issued in the Lake Erie Region. The City of Woodstock, with a value of \$5.6 million, was responsible for 7.2 per cent of the aggregate, while the City of St. Thomas, with \$4.3 million, accounted for 5.5 per cent.

Housing construction is very active in the Region, with extensive plans afoot for some of the main centres. In St. Thomas, the building of 24

housing units is about to commence, as well as 6 senior citizen units.

Seventy-one senior citizen units are underway in London, plus 50 for public housing. Woodstock is to have 40 public housing units, while the building of 24 senior citizen units is already in the process. In all, residential building appears to be maintaining its strong impetus in the Region.

P A R T I I

STATISTICAL TABLES

TABLE I

POPULATION DISTRIBUTION, COUNTIES,
LAKE ERIE REGION, 1951, 1956 AND 1961

	<u>1951</u> No.	<u>1956</u>	<u>1961</u>	<u>% Increase</u> <u>1956/1961</u> <u>%</u>	<u>% Increase</u> <u>1951/1961</u> <u>%</u>
Elgin	55,518 (17.4)	59,114 (16.4)	62,862 (15.5)	6.3	13.2
Middlesex	162,139 (50.8)	190,897 (52.8)	221,422 (54.6)	16.0	36.6
Norfolk	42,708 (13.4)	46,122 (12.8)	50,475 (12.5)	9.4	18.2
Oxford	58,818 (18.4)	65,228 (18.1)	70,499 (17.4)	8.1	19.9
Total, Lake Erie Region	319,183 (100.0)	361,361 (100.0)	405,258 (100.0)	12.1	27.0
Total, Ontario	4,597,542	5,404,933	6,236,092	15.4	35.6
Lake Erie Region as a % of Ontario	6.9	6.7	6.5		

Source: Dominion Bureau of Statistics, Census of Canada, 1961.

TABLE II

POPULATION PROJECTIONS*, COUNTIES,
LAKE ERIE REGION, 1961 TO 1986

	Census 1961	Projections				
		1966	1971	1976	1981	1986
Elgin	62,862	66,100	69,800	74,600	79,400	85,300
Middlesex	221,422	254,000	291,500	335,300	387,300	447,400
Norfolk	50,475	53,300	56,800	60,600	65,500	70,400
Oxford	70,499	76,800	83,700	91,500	99,700	108,800
Total, Lake Erie Region	405,258	450,200	501,800	562,000	631,900	711,900
Total, Ontario	6,236,092	6,973,700	7,787,500	8,753,200	9,891,300	11,166,700

* Assumption B: Net migration into Ontario 30,000 per annum;
Net inter-county migration 6,000 per annum.

Source: Economics Branch, Ontario Department of Economics and Development.

TABLE III

AGE DISTRIBUTION OF POPULATION, LAKE ERIE REGION AND ONTARIO, 1961 AND 1981*

Age Groups	1961 (1)			1981		
	Lake Erie Region		Ontario	Lake Erie Region		Ontario
	No.	%		No.	%	
0-4	45,873	11.3	740,193	83,600	13.2	1,302,800
5-19	110,210	27.1	1,704,439	187,100	29.7	2,838,000
20-24	25,774	6.4	386,966	48,600	7.7	797,900
25-44	106,627	26.3	1,749,039	148,500	23.5	2,347,000
45-64	78,025	19.3	1,147,382	105,200	16.6	1,749,900
65+	38,749	9.6	508,073	58,900	9.3	855,700
Total	405,258	100.0	6,236,092	631,900	100.0	9,891,300

(1) Dominion Bureau of Statistics, Census of Canada, 1961.

* Assumption B: Net migration into Ontario 30,000 per annum;
 Net inter-county migration 6,000 per annum.

Source: Economics Branch, Ontario Department of Economics and Development.

TABLE IV

POPULATION PROJECTIONS*, LAKE ERIE REGION AND ONTARIO, SELECTED YEARS 1961 TO 1986

Age Group	Lake Erie Region					Ontario						
	1961(1)	1966	1971	1976	1981	1986	1961(1)	1966	1971	1976	1981	1986
0-4	45,873	53,300	61,100	72,000	83,600	95,200	740,193	804,800	913,700	1,097,600	1,302,800	1,474,100
5-9	42,248	46,200	53,300	60,900	71,700	83,000	674,519	748,100	805,300	911,200	1,094,000	1,296,200
10-14	38,142	42,600	46,800	53,600	61,200	72,100	593,037	683,000	759,900	815,200	918,800	1,102,200
15-19	29,820	38,500	43,200	47,300	54,200	61,600	436,883	602,500	694,300	771,900	825,200	928,700
20-24	25,774	30,700	39,700	44,400	48,600	55,300	386,966	456,100	624,700	719,200	797,900	850,600
25-29	25,324	27,000	31,900	40,800	45,600	49,900	422,651	410,500	477,900	647,100	743,500	822,200
30-34	27,351	26,300	27,700	32,600	41,600	46,400	459,825	441,700	426,400	492,900	662,800	759,800
35-39	28,845	28,000	26,800	28,200	33,000	42,000	469,312	471,900	452,500	435,600	501,600	671,600
40-44	25,107	29,100	28,200	27,000	28,300	33,100	397,251	474,500	477,200	457,000	439,100	504,500
45-49	23,341	25,100	29,000	28,200	26,900	28,300	360,749	398,100	475,200	477,900	457,100	438,700
50-54	20,860	23,000	24,700	28,700	27,800	26,600	309,795	356,500	393,700	469,700	472,000	451,100
55-59	18,208	20,100	22,300	24,000	27,700	27,000	258,327	301,000	346,300	382,900	456,600	458,600
60-64	15,616	17,400	19,200	21,200	22,800	26,500	218,511	245,200	285,700	329,000	364,200	434,300
65-69	13,304	14,400	15,900	17,700	19,500	21,100	180,063	200,300	224,800	262,200	302,400	335,400
70-74	10,697)						146,322)					
75-79	7,548)	28,500	32,000	35,400	39,400	43,800	97,734)	379,500	429,900	483,800	553,300	638,700
80-84	4,449)						53,466)					
85+	2,751)						30,488)					
Total	405,258	450,200	501,800	562,000	631,900	711,900	6,236,092	6,973,700	7,787,500	8,753,200	9,891,300	11,166,700

* Assumption B: Net migration into Ontario 30,000 per annum;
Net inter-county migration 6,000 per annum.

(1) Dominion Bureau of Statistics, Census of Canada, 1961.

Source: Economics Branch, Ontario Department of Economics and Development.

TABLE V

POPULATION, PARTICIPATION RATES AND LABOUR FORCE PROJECTIONS*, LAKE ERIE REGION AND ONTARIO, SELECTED YEARS 1961 TO 1981

Age Groups	Lake Erie Region					
	1961(1)			1981		
	Population (000's)	Participation Rates %	Labour Force (000's)	Population (000's)	Participation Rates %	Labour Force (000's)
Male						
15-24	27.9	66.4	18.5	34.7	63	21.9
25-44	53.1	95.2	50.6	55.0	94	51.7
45-64	39.1	88.0	34.4	42.9	87	37.3
65+	17.5	32.6	5.7	19.3	31	6.0
Total	137.6	79.4	109.2	151.9	77	116.9
Female						
15-24	27.7	45.0	12.5	34.5	42	14.5
25-44	53.5	38.1	20.3	55.4	39	21.6
45-64	38.9	35.1	13.7	42.7	37	15.8
65+	21.3	7.4	1.6	23.6	7	1.7
Total	141.4	34.0	48.1	156.2	34	53.6
Male and Females						
15-24	55.6	55.7	31.0	69.2	53	36.4
25-44	106.6	66.5	70.8	110.4	66	73.3
45-64	78.0	61.6	48.1	85.6	62	53.1
65+	38.8	18.7	7.3	42.9	18	7.7
Total, Lake Erie Region	279.0	56.4	157.2	308.1	55	170.5
Ontario						
Male						
15-24	413.4	62.9	259.9	530.9	59	315.2
25-44	880.2	95.9	843.9	906.1	96	868.8
45-64	580.6	90.2	523.6	658.2	89	586.4
65+	231.8	31.5	73.2	264.1	30	78.5
Total	2,106.0	80.7	1,700.6	2,359.3	78	1,848.9
Female						
15-24	410.4	42.4	173.9	527.7	40	210.0
25-44	868.8	35.0	303.7	892.5	36	319.4
45-64	566.8	34.2	193.9	642.6	35	222.9
65+	276.3	7.6	21.0	315.1	8	24.0
Total	2,122.3	32.6	692.5	2,378.5	33	776.3
Males and Females						
15-24	823.8	52.7	433.8	1,058.6	50	525.2
25-44	1,749.0	65.6	1,147.6	1,798.6	66	1,188.2
45-64	1,147.4	62.5	717.5	1,300.8	62	809.3
65+	508.1	18.5	94.1	579.8	18	102.5
Total, Ontario	4,228.3	56.6	2,393.0	4,737.8	55	2,625.2
Males and Females						
15-24	773.9	48	773.9	1,623.1	48	773.9
25-44	1,580.9	67	1,580.9	2,347.0	67	1,580.9
45-64	1,133.6	65	1,133.6	1,749.9	65	1,133.6
65+	133.3	16	133.3	855.7	16	133.3
Total, Ontario	3,621.7	55	3,621.7	6,575.7	55	3,621.7

* Assumption B: Net migration into Ontario 30,000 per annum;
Net inter-county migration 6,000 per annum.

(1) Dominion Bureau of Statistics, Census of Canada, 1961.

Source: Economics Branch, Ontario Department of Economics and Development.

TABLE VI

POPULATION 5 YEARS OF AGE AND OVER ATTENDING SCHOOL, BY HIGHEST GRADE ATTENDED, COUNTIES,
LAKE ERIE REGION, 1961

	Total	Kindergarten	Elementary		Secondary		University	
			1-4	5+	1-2	3-4	1-2	3&4+
No. %								Degree
Elgin	13,939 (100.0)	482 (3.5)	5,155 (37.0)	4,674 (33.5)	1,873 (13.4)	1,212 (8.7)	149 (1.1)	49 (0.4)
								47 (0.3)
Middlesex	51,318 (100.0)	3,372 (6.6)	18,446 (35.8)	16,520 (32.2)	6,207 (12.1)	3,931 (7.7)	778 (1.5)	315 (0.6)
								543 (1.1)
Norfolk	11,933 (100.0)	452 (3.8)	4,578 (38.4)	4,050 (33.9)	1,500 (12.6)	905 (7.6)	144 (1.2)	48 (0.4)
								28 (0.2)
Oxford	16,533 (100.0)	669 (4.0)	6,196 (37.5)	5,593 (33.8)	2,153 (13.0)	1,273 (7.7)	182 (1.1)	45 (0.3)
								44 (0.3)
Total, Lake Erie	93,723 (100.0)	4,975 (5.3)	34,375 (36.7)	30,837 (32.9)	11,733 (12.5)	7,321 (7.8)	1,253 (1.3)	457 (0.5)
								662 (0.7)
Total, Ontario	1,465,344 (100.0)	92,559 (6.3)	547,174 (37.3)	477,819 (32.6)	177,714 (12.1)	104,006 (7.1)	18,362 (1.3)	7,678 (0.5)
								9,737 (0.7)

Source: Dominion Bureau of Statistics, Census of Canada, 1961.

TABLE VII

POPULATION 5 YEARS OF AGE AND OVER NO LONGER ATTENDING SCHOOL, BY HIGHEST GRADE ATTENDED, COUNTIES,
LAKE ERIE REGION, 1961

	No. %	Total	No Schooling	Kindergarten	Elementary		Secondary		University	
					1-4	5+	1-2	3-4	1-2	3&4+ Degree
Elgin	No. %	42,483 (100.0)	1,680 (4.0)	6 *	1,736 (4.1)	17,006 (40.1)	9,359 (22.0)	8,143 (19.2)	665 (1.6)	171 (0.4) 749 (1.8)
Middlesex	No. %	144,266 (100.0)	4,197 (2.9)	48 *	4,203 (2.9)	47,854 (33.2)	33,004 (22.9)	31,994 (22.2)	2,907 (2.0)	943 (0.7) 5,260 (3.6)
Norfolk	No. %	32,877 (100.0)	1,522 (4.6)	2 *	1,747 (5.3)	16,308 (49.7)	6,369 (19.4)	4,342 (13.2)	417 (1.3)	115 (0.3) 470 (1.4)
Oxford	No. %	46,036 (100.0)	2,034 (4.4)	15 *	1,506 (3.3)	20,266 (44.0)	9,854 (21.4)	7,858 (17.1)	607 (1.3)	210 (0.5) 815 (1.8)
Total, Lake Erie	No. %	265,662 (100.0)	9,433 (3.6)	71 *	9,192 (3.5)	101,434 (38.2)	58,586 (22.1)	52,337 (19.7)	4,596 (1.7)	1,439 (0.5) 7,294 (2.7)
Total, Ontario	No. %	4,030,555 (100.0)	156,340 (3.9)	1,429 *	205,647 (5.1)	1,480,269 (36.8)	850,477 (21.1)	763,737 (18.9)	79,097 (2.0)	28,969 (0.7) 132,904 (3.3)

* Less than 0.05.

Source: Dominion Bureau of Statistics, Census of Canada, 1961.

TABLE VIII

TOTAL LABOUR INCOME, COUNTIES,
LAKE ERIE REGION, 1957 TO 1963

	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u>	<u>1961</u>	<u>1962</u>	<u>1963</u>	Annual Growth of Income 1963/1957*
Elgin	(\$000's) 41,109 (13.6)	42,910 (12.8)	46,404 (12.8)	50,540 (13.0)	51,441 (12.9)	49,987 (11.8)	58,988 (12.8)	6 ¹ / ₄
Middlesex	(\$000's) 192,349 (63.5)	212,620 (63.6)	234,584 (64.7)	253,100 (64.9)	259,779 (65.2)	280,639 (66.3)	298,721 (65.0)	7 ¹ / ₂
Norfolk	(\$000's) 23,016 (7.6)	27,061 (8.1)	23,702 (6.6)	29,775 (7.6)	28,864 (7.2)	30,216 (7.2)	33,186 (7.2)	6 ¹ / ₄
Oxford	(\$000's) 46,482 (15.3)	51,643 (15.5)	57,698 (15.9)	56,582 (14.5)	58,594 (14.7)	62,271 (14.7)	69,010 (15.0)	6- 3/4
Total, Lake Erie Region	(\$000's) 302,956 (100.0)	334,234 (100.0)	362,388 (100.0)	389,997 (100.0)	398,678 (100.0)	423,113 (100.0)	459,905 (100.0)	7 ¹ / ₄
Total, Ontario	(\$000's) 6,287,152	6,602,979	6,991,020	7,408,189	7,751,686	8,145,201	8,717,200	5 ¹ / ₂
Lake Erie Region as a % of Ontario	4.8	5.1	5.2	5.3	5.1	5.2	5.3	

* At Compound Rate.

Source: Special Research and Surveys Branch, Ontario Department of Economics and Development.

TABLE IX

REGIONAL LABOUR INCOME* OF ONTARIO, 1951 TO 1963

	Metro- politan	Niagara	Eastern Ontario	Northeastern Ontario	Lake St. Clair	Lake Erie	Mid-Western	Lake Ontario	Lakehead- Northwestern Ontario	Georgian Bay	Ontario
							(Millions of Dollars)				
1951	1,550.5	582.7	359.9	265.6	291.4	188.5	184.2	129.8	129.2	94.3	3,776.1
1952	1,746.2	655.0	400.8	303.0	332.4	215.1	210.2	147.4	148.4	107.5	4,266.0
1953	1,967.4	704.8	455.4	314.4	357.8	238.5	233.1	162.6	151.8	119.3	4,705.1
1954	2,020.5	696.4	483.0	325.7	359.4	247.1	241.5	179.7	157.2	123.6	4,834.1
1955	2,145.8	728.1	513.2	358.1	381.9	262.6	256.6	191.0	167.1	131.3	5,135.7
1956	2,412.0	832.0	563.6	416.0	429.4	295.2	288.5	201.3	187.9	161.0	5,786.9
1957	2,583.7	881.4	656.3	510.8	416.8	303.0	305.8	232.1	230.9	166.4	6,287.2
1958	2,791.0	872.2	694.2	507.3	417.0	334.2	320.4	246.3	232.7	187.7	6,603.0
1959	2,933.1	944.0	728.6	544.0	445.8	362.4	343.3	258.9	236.7	194.2	6,991.0
1960	3,128.8	973.4	793.0	565.4	471.9	390.0	366.5	269.6	250.8	198.8	7,408.2
1961	3,353.2	1,005.3	848.4	564.4	461.8	398.7	382.2	276.3	249.9	211.5	7,751.7
1962	3,498.0	1,080.3	886.8	580.6	495.0	423.1	408.6	295.8	251.4	225.6	8,145.2
1963	3,757.4	1,160.4	942.5	590.4	542.0	459.9	452.7	314.4	257.5	240.0	8,717.2

* Excluding supplementary labour income.

Source: Special Research and Surveys Branch, Ontario Department of Economics and Development.

TABLE X

DISTRIBUTION OF REGIONAL LABOUR INCOME, ONTARIO, 1951 TO 1963

	Metro- politan %	Niagara %	Eastern Ontario %	Northeastern Ontario %	Lake St. Clair %	Lake Erie %	Mid-Western %	Lake Ontario %	Lakehead- Northwestern Ontario %	Georgian Bay %	Ontario %
1951	41.1	15.4	9.5	7.0	7.7	5.0	4.9	3.5	3.4	2.5	100.0
1952	40.9	15.4	9.4	7.1	7.8	5.0	4.9	3.5	3.5	2.5	100.0
1953	41.8	15.0	9.7	6.7	7.6	5.1	4.9	3.5	3.2	2.5	100.0
1954	41.8	14.4	10.0	6.7	7.4	5.1	5.0	3.7	3.3	2.6	100.0
1955	41.8	14.2	10.0	7.0	7.4	5.1	5.0	3.7	3.2	2.6	100.0
1956	41.7	14.4	9.7	7.2	7.4	5.1	5.0	3.5	3.2	2.8	100.0
1957	41.1	14.0	10.4	8.1	6.6	4.8	4.9	3.7	3.7	2.7	100.0
1958	42.3	13.2	10.5	7.7	6.3	5.1	4.9	3.7	3.5	2.8	100.0
1959	41.9	13.5	10.4	7.8	6.4	5.2	4.9	3.7	3.4	2.8	100.0
1960	42.2	13.1	10.7	7.6	6.4	5.3	5.0	3.6	3.4	2.7	100.0
1961	43.3	13.0	10.9	7.3	6.0	5.1	4.9	3.6	3.2	2.7	100.0
1962	42.9	13.3	10.9	7.1	6.1	5.2	5.0	3.6	3.1	2.8	100.0
1963	43.1	13.3	10.8	6.8	6.2	5.3	5.2	3.6	3.0	2.7	100.0

Source: Special Research and Surveys Branch, Ontario Department of Economics and Development.

TABLE XI

AVERAGE LABOUR INCOME PER CAPITA OF LABOUR INCOME RECIPIENTS,
COUNTIES, LAKE ERIE REGION, 1957 TO 1963

	1957	1958	1959	1960	1961	1962	1963
	-----dollars-----						-----
Elgin	2,258	2,466	2,530	2,634	2,655	2,675	2,901
Middlesex	2,636	2,808	2,965	3,076	3,131	3,276	3,349
Norfolk	1,805	1,971	1,885	2,104	2,055	2,194	2,287
Oxford	2,212	2,329	2,490	2,487	2,597	2,614	2,787
Total, Lake Erie Region	2,425	2,590	2,720	2,819	2,869	2,981	3,091
Total, Ontario	2,915	3,096	3,197	3,309	3,428	3,529	3,678

Source: Special Research and Surveys Branch, Ontario Department of Economics and Development.

TABLE XII

AVERAGE REGIONAL LABOUR INCOME PER CAPITA OF LABOUR INCOME RECIPIENTS,
REGIONS, ONTARIO, 1957 TO 1963

	<u>1957</u>	<u>1958</u>	<u>1959</u>	<u>1960</u> (Dollars)	<u>1961</u>	<u>1962</u>	<u>1963</u>
Province of Ontario	2,915	3,096	3,197	3,309	3,428	3,529	3,678
Metropolitan	3,078	3,325	3,422	3,540	3,698	3,803	3,962
Niagara	3,071	3,130	3,306	3,402	3,504	3,681	3,835
Eastern Ontario	2,814	3,007	3,059	3,199	3,394	3,469	3,613
Northeastern Ontario	3,243	3,344	3,522	3,623	3,649	3,701	3,816
Lake St. Clair	2,822	2,934	3,064	3,204	3,208	3,354	3,598
Lake Erie	2,425	2,590	2,720	2,819	2,869	2,981	3,091
Mid-Western	2,479	2,662	2,728	2,835	2,910	2,987	3,136
Lake Ontario	2,528	2,707	2,746	2,849	2,953	3,056	3,193
Lakehead-Northwestern Ontario	3,093	3,311	3,345	3,468	3,529	3,554	3,631
Georgian Bay	2,150	2,361	2,364	2,390	2,516	2,557	2,660

Source: Special Research and Surveys Branch, Ontario Department of Economics and Development.

TABLE XIII

PRINCIPAL STATISTICS OF MANUFACTURING BY INDUSTRIAL GROUPS,
LAKE ERIE REGION, 1962

	Establish- ments No.	Employees No.	Salaries and Wages (\$'000's)	Cost of Fuel and Electricity (\$'000's)	Cost at Plant of Material Used (\$'000's)	Selling Value of Factory Shipments			1962 % of Total
						1962 (\$'000's)	1957 (\$'000's)	% Change 1962/1957 %	
Foods and Beverages	198	7,003	27,928	2,873	117,982	195,883	153,957	27.2	27.6
Tobacco Products	-	-	-	-	-	-	43,080	-	-
Leather Industries	12	1,210	3,842	120	7,111	13,014	9,980	30.4	1.8
Textile Industries	14	735	2,471	161	10,504	14,478	12,560	15.3	2.0
Knitting Mills	16	1,928	5,364	227	9,801	18,766	16,605	13.0	2.6
Clothing Industries	8	483	1,256	20	1,829	4,587	-	-	0.6
Wood Industries	51	1,256	4,655	204	8,447	15,975	16,909	-5.5	2.2
Furniture and Fixture Industries	52	646	2,188	79	2,825	6,632	4,104	61.6	0.9
Paper and Allied Industries	10	1,156	5,396	167	14,821	23,580	19,476	21.1	3.3
Printing, Publishing and Allied Industries	85	2,070	9,624	195	7,242	22,367	17,504	27.8	3.1
Primary Metal Industries	9	1,305	6,354	459	13,865	25,511	-	-	3.6
Metal Fabricating Industries	92	3,634	16,554	606	42,580	72,228	52,353	38.0	10.1
Machinery Industries	37	2,539	10,892	409	24,694	45,572	29,022	57.0	6.4
Transportation Equipment Industries	20	2,087	9,695	398	23,446	40,031	-	-	5.6
Electrical Products Industries	16	4,575	19,100	802	34,758	79,126	43,250	83.0	11.2
Non-Metallic Mineral Products Industries	43	1,341	5,775	2,687	7,368	25,680	17,966	42.9	3.6
Chemical and Chemical Products Industries	31	869	4,051	253	10,774	18,774	15,521	21.0	2.6
Miscellaneous Manufacturing Industries	53	805	2,946	124	4,381	10,103	6,498	55.6	1.4
Other Major Groups	7	1,776	7,599	449	57,562	80,760	112,319	-28.1	11.4
Total, Lake Erie Region	754	35,418	145,690	10,233	399,990	713,072	571,104	24.9	100.0
Total, Ontario	12,588	664,300	3,084,600	n.a.	n.a.	13,339,600	10,511,100	23.4	

Source: Dominion Bureau of Statistics, Manufacturing.

TABLE XIV A

PRINCIPAL STATISTICS OF MANUFACTURING BY INDUSTRIAL GROUPS,
COUNTIES, LAKE ERIE REGION, 1961

	Establish- ments No.	Employees No.	Salaries and Wages (\$'000's)	Cost of Fuel and Electricity (\$'000's)	Cost at Plant of Material Used (\$'000's)	Net Value of Products(1) (\$'000's)	Selling Value of Factory Shipments		
							1961 (\$'000's)	1960 (\$'000's)	% Change 1961/1960
<u>Elgin</u>									
Foods and Beverages	34	433	1,487	287	14,590	5,073	19,950	21,731	-8.2
Wood	12	311	918	45	1,474	1,209	2,728	2,781	-1.9
Printing, Publishing and Allied Industries	11	172	648	20	322	1,011	1,353	1,364	-0.8
Other Major Groups	49	2,236	8,645	479	41,539	12,135	54,153	66,576	-18.7
<u>Middlesex</u>									
Foods and Beverages	86	4,529	18,502	1,442	49,506	49,483	100,431	96,805	3.7
Leather	6	784	2,438	82	4,946	3,835	8,863	7,779	13.9
Textiles	6	29	98	5	157	154	316	331	-4.5
Knitting Mills	7	966	2,829	103	3,561	4,820	8,484	7,903	7.4
Clothing	5	337	832	25	1,219	2,391	3,635	3,265	11.3
Wood	20	387	1,340	100	2,966	1,644	4,710	5,109	-7.8
Furniture and Fixtures	30	406	1,287	41	1,686	1,880	3,607	2,438	47.9
Paper and Allied Industries	7	951	4,242	153	13,783	7,456	21,392	21,329	0.3
Printing, Publishing and Allied Industries	53	1,563	7,028	148	5,959	11,725	17,832	18,214	-2.1
Metal Fabricating	47	1,928	7,954	280	10,306	16,190	26,776	21,817	22.7
Non-Metallic Mineral Products	21	289	1,149	209	1,953	2,382	4,544	4,744	-4.2
Chemical and Chemical Products	22	528	2,180	124	5,372	5,650	11,146	9,961	11.9
Miscellaneous Manufacturing	33	377	1,308	63	1,641	2,189	3,893	4,520	-13.9
Other Major Groups	39	6,620	28,430	1,409	55,301	56,562	113,272	93,241	21.5
<u>Norfolk</u>									
Foods and Beverages	22	695	2,270	339	11,194	5,812	17,345	19,314	-10.2
Wood	9	33	69	7	110	120	237	288	-17.7
Printing, Publishing and Allied Industries	9	84	267	7	124	420	551	493	11.8
Other Major Groups	43	1,573	6,697	419	46,696	15,348	62,463	53,772	16.2
<u>Oxford</u>									
Foods and Beverages	64	1,033	3,704	732	37,410	10,236	48,378	42,602	13.6
Knitting Mills	6	866	2,487	97	3,760	4,491	8,348	8,076	3.4
Printing, Publishing and Allied Industries	11	187	720	19	391	1,223	1,633	1,599	2.1
Metal Fabricating	20	501	1,970	130	2,864	2,813	5,807	8,106	-28.4
Non-Metallic Mineral Products	10	716	2,997	1,729	3,278	9,343	14,350	16,857	-14.9
Other Major Groups*	54	3,327	13,598	588	32,646	23,970	57,204	60,852	-6.0
Total, Lake Erie Region	736	31,861	126,094	9,082	354,754	259,565	623,401	601,867	3.6
Total, Ontario	12,414	595,477	2,611,224	237,755	6,388,732	5,409,323	12,035,810	11,685,676	3.0

* For 1960 - Paper, Misc. Manufacturing are included in Other Major Groups.

(1) Excludes adjustment for inventory change.

Source: Dominion Bureau of Statistics, Manufacturing.

TABLE XIVB

PRINCIPAL STATISTICS OF MANUFACTURING, COUNTIES,
LAKE ERIE REGION, 1951, 1960 AND 1961

	Establish- ments No.	Employees No.	Salaries and Wages (\$000's)	Cost of Fuel and Electricity (\$000's)	Cost at Plant of Material Used (\$000's)	Net Value of Products(1) (\$000's)	Selling Value of Factory Shipments(2) (\$000's)	% Change 1961/1951 1961/1960
Elgin	1951	101	7,507	536	31,373	15,288	47,197	
	1960	115	11,971	780	60,455	31,217	92,452	
	1961	106	11,698	832	57,925	19,426	78,183	65.7 -15.4
Middlesex	1951	373	47,027	2,607	111,931	97,290	211,828	
	1960	403	74,280	3,990	142,946	150,521	297,457	
	1961	382	79,619	4,185	158,355	166,362	328,902	55.3 10.6
Norfolk	1951	85	4,479	336	36,533	11,009	47,878	
	1960	99	8,887	805	49,991	23,070	73,866	
	1961	83	9,305	772	58,125	21,698	80,595	68.3 9.1
Oxford	1951	202	16,726	1,544	59,072	35,800	96,416	
	1960	194	26,385	4,278	83,070	50,743	138,091	
	1961	165	25,476	3,294	80,348	52,079	135,721	40.8 - 1.7
Total, Lake Erie Region	1951	761	75,739	5,023	238,909	159,387	403,319	
	1960	811	121,523	9,853	336,462	255,551	601,866	
	1961	736	126,098	9,083	354,753	259,565	623,401	54.6 3.6
Total, Ontario	1951	13,025	1,669,387	170,937	4,334,394	3,569,400	8,074,731	
	1960*	12,090	2,557,400	239,964	6,141,904	5,303,808	11,479,300	
	1961*	12,410	2,859,300	237,755	6,388,732	5,409,323	12,015,800	48.8 4.7

* Value Added by Manufacture "reported by D.B.S." which is derived by subtracting from the gross value of products the cost of materials and fuel and electricity.

(1) Excludes adjustment for inventory change.

(2) Figures for 1951 are "Gross Value of Products" instead of "Selling Value of Factory Shipments".

Source: Dominion Bureau of Statistics, Manufacturing.

TABLE XV

INVESTMENT IN MANUFACTURING, LONDON,
1963, 1964 AND 1965

	<u>1963</u>	<u>1964</u>	<u>1965</u>	<u>Growth</u> <u>1965/1963</u> <u>%</u>
	(Millions of Dollars)			
<u>A - Capital Expenditures</u>				
Construction	3.0	5.7	4.5	50.0
Machinery and Equipment	7.5	11.4	11.0	46.7
Sub-total	10.5	17.1	15.5	47.6
<u>B - Repair Expenditures</u>				
Construction	1.0	0.9	0.9	-10.0
Machinery and Equipment	5.9	6.2	6.1	3.4
Sub-total	6.9	7.1	7.0	1.4
<u>C - Capital and Repair Expenditures</u>				
Construction	4.0	6.6	5.4	35.0
Machinery and Equipment	13.4	17.6	17.1	27.6
Total, London	17.4	24.2	22.5	29.3
Total, Province of Ontario	4,498	5,006	5,733	27.5

Source: Private and Public Investment in Canada, Regional Estimates, 1965.

TABLE XVI

GROWTH OF INVESTMENT IN MANUFACTURING,
MAJOR METROPOLITAN CENTRES,
PROVINCE OF ONTARIO, 1963 TO 1965

	<u>Growth of</u> <u>Investment</u> <u>%</u>
London	29.3
Windsor	184.4
Hamilton	46.3
Ottawa	43.2
Toronto	18.4
Province of Ontario	27.5

(London - 1963 \$17.4 million; 1965 \$22.5 million)

Source: Private and Public Investment in Canada,
Regional Estimates, 1965.

TABLE XVII

NUMBER, AREA AND AVERAGE AREA OF FARMS,
COUNTIES, LAKE ERIE REGION, 1951, 1956 AND 1961

		Number of Farms		Area of Farms		Average Area		Area of Farms as % of Total Land Area		Total Land Area	
		No.	% of Ontario	Acres	% of Ontario	Per Farm	Acres	%	Acres		
Elgin	1951	3,526	2.4	421,379	2.0	119.5	119.5	91.4)	460,800	
	1956	3,491	2.5	418,077	2.1	119.8	119.8	90.7)		
	1961	3,082	2.5	402,896	2.2	130.7	130.7	87.4)		
Middlesex	1951	5,777	3.9	730,459	3.5	126.4	126.4	92.0)	793,600	
	1956	5,543	3.9	717,361	3.6	129.4	129.4	90.4)		
	1961	4,966	4.1	696,040	3.7	140.2	140.2	87.7)		
Norfolk	1951	3,657	2.4	345,421	1.7	94.5	94.5	85.1)	405,760	
	1956	3,760	2.7	347,603	1.7	92.4	92.4	85.7)		
	1961	3,311	2.7	338,426	1.8	102.2	102.2	83.4)		
Oxford	1951	4,011	2.7	459,805	2.2	114.6	114.6	93.9)	489,600	
	1956	3,926	2.8	454,009	2.3	115.6	115.6	92.7)		
	1961	3,743	3.1	449,321	2.4	120.0	120.0	91.8)		
Total, Lake Erie Region	1951	16,971	11.3	1,957,064	9.4	115.3	115.3	91.0)	2,149,760	
	1956	16,720	11.9	1,937,050	9.7	115.9	115.9	90.1)		
	1961	15,102	12.4	1,886,683	10.2	124.9	124.9	87.8)		
Total, Ontario	1951	149,920		20,880,054		139.3	139.3	9.0)	232,500,480	
	1956	140,602		19,879,646		141.4	141.4	8.6)		
	1961	121,333		18,578,507		153.1	153.1	8.0)		

Source: Dominion Bureau of Statistics, Census of Canada.

TABLE XVIII

CAPITAL VALUE PER ACRE OF FARMS, COUNTIES, LAKE ERIE REGION, 1951 AND 1961

	1951				1961				Change in Index Value Per Acre, 1961 (1951 = 100)
	Total Value (\$'000's)		Percentage of Total Value Per Acre %		Total Value (\$'000's)		Percentage of Total Value Per Acre %		
	Value Per Acre \$		Value Per Acre \$		Value Per Acre \$		Value Per Acre \$		
Elgin									
Land and Buildings	47,095.9		113.0	63.0	98,509.9		244.0	77.0	216
Machinery and Equipment	12,805.8		30.0	17.0	18,366.4		46.0	14.0	153
Livestock and Poultry	14,922.6		35.0	20.0	12,012.2		30.0	9.0	86
Total	74,824.3		178.0	100.0	128,888.5		320.0	100.0	180
Middlesex									
Land and Buildings	63,236.9		87.0	55.0	116,071.2		167.0	69.0	192
Machinery and Equipment	19,536.7		27.0	17.0	25,346.7		36.0	15.0	133
Livestock and Poultry	32,568.8		44.0	28.0	28,043.7		40.0	16.0	91
Total	115,342.4		158.0	100.0	169,461.6		243.0	100.0	154
Norfolk									
Land and Buildings	83,680.6		242.0	80.0	170,558.2		503.0	84.0	208
Machinery and Equipment	13,034.4		38.0	13.0	26,228.9		78.0	13.0	205
Livestock and Poultry	7,572.3		22.0	7.0	5,632.0		17.0	3.0	77
Total	104,287.3		302.0	100.0	202,419.1		598.0	100.0	198
Oxford									
Land and Buildings	52,771.8		115.0	54.0	104,344.5		232.0	68.0	202
Machinery and Equipment	17,174.2		37.0	17.0	24,208.8		54.0	16.0	146
Livestock and Poultry	28,423.1		62.0	29.0	25,322.5		56.0	16.0	90
Total	98,369.1		214.0	100.0	153,875.8		342.0	100.0	160
Total, Lake Erie Region									
Land and Buildings	246,785.2		126.0	63.0	489,483.8		259.0	75.0	206
Machinery and Equipment	62,551.1		32.0	16.0	94,150.8		50.0	14.0	156
Livestock and Poultry	83,486.8		43.0	21.0	71,010.4		38.0	11.0	88
Total, Region	392,823.1		201.0	100.0	654,645.0		347.0	100.0	173
Total, Ontario									
Land and Buildings	1,419,363.8		68.0	56.0	2,572,302.7		138.0	69.0	203
Machinery and Equipment	445,277.5		21.0	17.0	579,281.7		31.0	15.0	148
Livestock and Poultry	683,328.3		33.0	27.0	590,011.6		32.0	16.0	97
Total, Ontario	2,547,969.6		122.0	100.0	3,741,596.0		201.0	100.0	165

Source: Dominion Bureau of Statistics, Census of Canada.

TABLE XIX

NUMBER AND VALUE OF TOTAL CATTLE, SWINE AND VALUE OF TOTAL LIVESTOCK,
COUNTIES, LAKE ERIE REGION, 1951 AND 1964

	Total Cattle				Swine				Total Livestock	
	Number		Value		Number		Value		Value as a % of Ontario	
	No.	% of Ontario	(\$)	% of Ontario	No.	% of Ontario	(\$)	% of Ontario		
Elgin	1951	2.0	11,794,630	2.2	35,500	2.0	1,554,770	2.2	14,922,583	2.2
	1964	2.1	10,358,900	2.0	49,300	2.4	1,304,600	2.2	12,960,538*	2.1
Middlesex	1951	4.7	26,904,940	5.0	60,900	3.5	2,519,540	3.6	32,568,834	4.7
	1964	5.2	27,373,500	5.5	81,800	4.0	2,390,100	4.1	32,867,671*	5.2
Norfolk	1951	1.0	5,609,530	1.0	18,300	1.0	715,320	1.0	7,572,269	1.1
	1964	0.8	4,313,600	0.8	25,900	1.3	755,000	1.3	6,292,850*	1.0
Oxford	1951	3.4	23,192,540	4.3	75,700	4.3	2,785,600	4.0	28,423,144	4.2
	1964	4.0	23,057,800	4.5	112,700	5.4	3,090,000	5.2	28,892,589*	4.6
Total, Lake Erie Region	1951	11.1	67,501,640	12.5	190,400	10.8	7,575,230	10.8	83,486,830	12.0
	1964	12.1	65,103,800	12.8	269,700	13.1	7,539,700	12.8	81,013,648*	12.9
Total, Ontario	1951	100.0	539,696,630	100.0	1,755,490	100.0	70,005,527	100.0	683,328,284	100.0
	1964	100.0	508,179,000	100.0	2,060,000	100.0	58,775,300	100.0	622,633,918*	100.0

* Goats and Bees not included.

Source: Agricultural Statistics, Ontario Department of Agriculture.

TABLE XX

FARM VALUE OF MAJOR FIELD CROPS, COUNTIES,
LAKE ERIE REGION, SELECTED YEARS 1951 TO 1964

		1951		1956		1961		1964	
		Value of Crops \$000's	Percentage of Total Crops %	Value of Crops \$000's	Percentage of Total Crops %	Value of Crops \$000's	Percentage of Total Crops %	Value of Crops \$000's	Percentage of Total Crops %
Elgin	Corn*	2,285.7	22.9	3,166.2	34.8	2,899.5	28.3	4,940.5	32.8
	Oats	1,345.7	13.5	732.5	8.1	1,432.3	14.0	1,369.0	9.1
	Soy Beans	635.0	6.4	964.7	10.6	1,102.1	10.7	1,647.4	11.0
	Hay	1,829.2	18.3	1,495.4	16.5	1,468.5	14.3	2,143.1	14.2
	Total**	9,977.4	100.0	9,085.8	100.0	10,263.5	100.0	15,042.4	100.0
Middlesex	Corn*	2,463.4	15.3	3,445.0	24.4	3,085.6	18.3	6,649.5	31.1
	Oats	2,776.2	17.3	1,962.8	13.9	3,547.2	21.0	3,441.9	16.1
	Soy Beans	313.2	2.0	459.6	3.3	417.6	2.5	591.6	2.8
	Hay	3,517.8	21.9	3,109.7	22.0	4,291.1	25.4	4,098.7	19.2
	Total**	16,050.3	100.0	14,137.4	100.0	16,883.7	100.0	21,364.6	100.0
Norfolk	Corn*	416.5	7.6	1,216.7	24.0	820.1	18.0	2,739.0	37.9
	Oats	980.9	17.9	472.8	9.3	742.0	16.3	875.3	12.1
	Soy Beans	87.2	1.6	26.1	0.5	30.1	0.7	43.2	0.6
	Hay	1,488.6	27.2	920.0	18.1	976.4	21.4	1,081.5	15.0
	Total**	5,480.1	100.0	5,073.7	100.0	4,561.5	100.0	7,227.2	100.0
Oxford	Corn*	1,016.8	8.2	1,661.6	15.8	1,660.1	14.0	4,193.2	26.6
	Oats	2,655.0	21.3	1,916.5	18.3	3,488.2	29.3	3,307.2	20.9
	Soy Beans	23.4	0.2	11.4	0.1	2.9	***	7.1	***
	Hay	2,872.9	23.1	3,036.1	28.9	3,209.7	27.0	3,879.0	24.6
	Total**	12,455.3	100.0	10,497.1	100.0	11,898.0	100.0	15,788.5	100.0
Total, Lake Erie Region	Corn*	6,182.4	14.1	9,489.5	24.5	8,465.3	19.4	18,522.2	31.2
	Oats	7,757.8	17.6	5,084.6	13.1	9,209.7	21.1	8,993.4	15.1
	Soy Beans	1,058.8	2.4	1,461.8	3.8	1,552.7	3.6	2,289.3	3.9
	Hay	9,708.5	22.1	8,561.2	22.1	9,945.7	22.8	11,202.3	18.9
	Total**	43,363.1	100.0	38,794.0	100.0	43,606.7	100.0	59,422.7	100.0
Total, Ontario	Corn*	28,377.0	7.6	32,585.0	15.8	33,157.0	10.1	65,910.0	15.5
	Oats	71,530.0	19.1	49,921.0	24.2	74,207.0	22.6	68,096.0	16.0
	Soy Beans	10,568.0	2.8	11,170.0	5.4	14,920.0	4.5	20,021.0	4.7
	Hay	113,519.0	30.3	102,014.0	49.5	99,213.0	30.2	133,661.0	31.5
	Total**	374,579.6	100.0	205,942.5	100.0	328,701.0	100.0	424,878.0	100.0
Lake Erie Region as a Percentage of Ontario	Corn*	21.8		29.1		25.5		28.1	
	Oats	10.8		10.2		12.4		13.2	
	Soy Beans	10.0		13.1		10.4		11.4	
	Hay	8.6		8.4		10.0		8.4	
	Total**	11.7		18.8		13.3		14.0	

* Corn for husking.
** Total of All Field Crops.
*** Less than 0.05 per cent.

TABLE XXI

PRODUCTION OF FLUE-CURED TOBACCO IN THE
LAKE ERIE ECONOMIC REGION, COUNTIES, 1958, 1963 AND 1964

	<u>1958</u>	<u>1963</u>	<u>1964</u>
	(Millions of Lbs.)		
Elgin	31.6	34.0	23.8
Norfolk	82.8	84.1	66.0
Oxford	16.4	16.9	14.2
Middlesex	11.1	10.8	7.2
Regional Total	142.0	145.8	111.2
Ontario Total	173.3	179.3	136.5
<u>Percentages</u>			
Regional Total as a Percentage of the Ontario Total	81.9	81.3	81.5
Counties as a Per- centage of the On- tario Total			
Elgin	18.2	19.0	17.4
Norfolk	47.8	46.9	48.4
Oxford	9.5	9.4	10.4
Middlesex	<u>6.4</u>	<u>6.0</u>	<u>5.3</u>
	<u>81.9</u>	<u>81.3</u>	<u>81.5</u>
Ontario	100.0	100.0	100.0

Source: Annual Report of the Ontario Flue-Cured Tobacco
Growers' Marketing Board, 1964.

TABLE XXII

VALUE OF BUILDING PERMITS ISSUED,
LAKE ERIE REGION, SELECTED YEARS 1951 TO 1964

	Total (\$'000's)	%	Residential (\$'000's)	%	Industrial (\$'000's)	%	Commercial (\$'000's)	%	Institutional and Government (\$'000's)	%	Other (\$'000's)	%
1951												
Lake Erie	21,667	(100.0)	9,031	(41.7)	2,362	(10.9)	3,040	(14.0)	7,228	(33.4)	6	*
% of Ontario	(4.9)		(4.0)		(2.9)		(4.2)		(11.8)		(0.2)	
Ontario	443,892		225,560		81,545		72,772		61,468		2,547	
1956												
Lake Erie	32,345	(100.0)	14,760	(45.6)	5,059	(15.6)	6,201	(19.2)	6,265	(19.4)	60	(0.2)
% of Ontario	(4.0)		(3.2)		(5.0)		(5.2)		(4.9)		(1.0)	
Ontario	810,025		454,873		100,998		120,350		127,691		6,113	
1959												
Lake Erie	52,196	(100.0)	30,608	(58.6)	6,838	(13.1)	7,931	(15.2)	6,790	(13.0)	29	(0.1)
% of Ontario	(5.1)		(5.5)		(7.3)		(4.2)		(3.7)		(1.3)	
Ontario	1,020,771		552,096		93,926		186,918		185,369		2,192	
1960												
Lake Erie	40,429	(100.0)	21,239	(52.5)	3,630	(9.0)	5,876	(14.5)	9,659	(23.9)	25	(0.1)
% of Ontario	(4.5)		(4.8)		(3.4)		(3.4)		(5.2)		(1.0)	
Ontario	905,819		438,531		107,442		170,545		186,859		2,442	
1961												
Lake Erie	52,773	(100.0)	27,160	(51.5)	2,014	(3.8)	11,163	(21.2)	12,435	(23.6)	1	-
% of Ontario	(5.3)		(5.5)		(2.1)		(5.7)		(6.2)		(0.2)	
Ontario	988,200		494,913		95,559		196,891		200,356		481	
1962												
Lake Erie	71,859	(100.0)	28,703	(39.9)	4,303	(6.0)	12,427	(17.3)	26,426	(36.8)	-	
% of Ontario	(6.7)		(6.0)		(4.0)		(7.0)		(8.7)		-	
Ontario	1,064,980		475,306		108,872		177,245		303,557		-	
1963												
Lake Erie	67,235	(100.0)	28,775	(42.8)	6,399	(9.5)	17,269	(25.7)	14,792	(22.0)	-	
% of Ontario	(5.6)		(4.7)		(4.2)		(9.5)		(5.6)		-	
Ontario	1,207,305		608,436		151,910		182,734		264,225		-	
1964												
Lake Erie	78,176	(100.0)	34,765	(44.5)	9,832	(12.6)	8,537	(10.9)	25,042	(32.0)	-	
% of Ontario	(5.5)		(4.9)		(5.4)		(3.6)		(8.2)		-	
Ontario	1,434,083		706,994		182,516		240,320		304,253		-	

* Less than 0.05 per cent.

Note: Figures may not add due to rounding.

Source: Dominion Bureau of Statistics, Building Permits.

TABLE XXIII

VALUE OF BUILDING PERMITS ISSUED BY REGIONS,
PROVINCE OF ONTARIO, 1963 AND 1964

	<u>1963</u>			<u>1964</u>		
	<u>(\$000's)</u>	<u>% of Ontario</u>	<u>Rank(1)</u>	<u>(\$000's)</u>	<u>% of Ontario</u>	<u>Rank(1)</u>
Eastern Ontario	173,402	14.4	2	188,651	13.1	2
Lake Ontario	28,137	2.3	8	40,284	2.8	8
Metropolitan	571,047	47.3	1	676,914	47.1	1
Niagara	134,847	11.2	3	172,596	12.0	3
Lake Erie	67,235	5.6	5	78,176	5.5	5
Lake St. Clair	57,052	4.7	6	72,733	5.1	6
Mid-Western	71,081	5.9	4	87,649	6.1	4
Georgian Bay	27,063	2.2	9	33,725	2.4	9
Northeastern Ontario	53,903	4.5	7	52,389	3.7	7
Northwestern Ontario	23,538	1.9	10	30,966	2.2	10
Ontario	1,207,305	100.0		1,434,083	100.0	

(1) Ranking out of 10 Economic Regions.

Source: Dominion Bureau of Statistics, Building Permits, 1963 and 1964.

TABLE XXIV

RETAIL TRADE, COUNTIES, LAKE ERIE REGION, 1951 AND 1961

	No. of Stores		Total Payroll		Sales		% Change 1961/1951 %
	1951 No.	1961 No.	1951 (\$'000's)	1961 (\$'000's)	1951 (\$'000's)	1961 (\$'000's)	
Elgin	604	626	2,682.8	4,590.3	37,275.8	53,665.7	44.0
Middlesex	1,488	1,801	12,768.6	28,453.1	136,471.0	264,909.4	94.1
Norfolk	536	561	1,487.3	3,497.0	25,955.4	43,761.4	68.6
Oxford	686	706	3,087.1	5,653.3	43,983.6	66,341.0	50.8
Total, Lake Erie Region	3,314	3,694	20,025.8	42,193.7	243,685.8	428,677.5	75.9
Total, Ontario	45,077	52,157	320,022.3	621,046.0	3,666,371.4	6,206,684.5	69.3

Source: Dominion Bureau of Statistics, Census of Canada.

TABLE XXV

GROWTH OF RETAIL SALES PER CAPITA, COUNTIES,
LAKE ERIE REGION, 1951 TO 1961

	Retail Sales Per Capita		Increase in Retail Sales Per Capita
	1951	1961	1961/1951
	\$	\$	%
Elgin	671.4	853.7	27.2
Middlesex	841.7	1,196.4	42.1
Norfolk	607.7	867.0	42.7
Oxford	747.8	941.0	25.8
Total, Lake Erie Region	763.5	1,057.8	38.5
Total, Ontario	797.5	995.3	24.8

Source: Census of Canada, 1961.

TABLE XXVI

RETAIL TRADE, MAJOR URBAN CENTRES,
LAKE ERIE REGION, 1961

	<u>No. of Stores</u> No.	<u>Total Payroll</u> (000's)	<u>Sales</u> (000's)
St. Thomas	275	3,219	31,923
London	1,349	26,911	238,212
Simcoe	163	1,877	18,950
Woodstock	213	2,617	27,410

Source: Census of Canada, 1961.

TABLE XXVII

VALUE OF RETAIL SALES PER CAPITA,
MAJOR METROPOLITAN CENTRES, ONTARIO, 1961

	<u>Sales</u> (\$000's)	<u>Population</u>	<u>Retail Sales</u> <u>Per Capita</u> <u>1961</u> \$
Hamilton	393,428.9	395,189	995.5
London	243,099.5	181,283	1,341.0
Ottawa	437,727.9	429,750	1,018.6
Toronto	2,114,931.4	1,824,481	1,159.2
Windsor	175,562.4	193,365	907.9

Source: Census of Canada, 1961.

TABLE XXVIII

RETAIL SALES BY KIND OF BUSINESS GROUP, COUNTIES, LAKE ERIE REGION, 1961

	<u>Elgin</u>	<u>Middlesex</u> (Thousands of Dollars)	<u>Norfolk</u> (Thousands of Dollars)	<u>Oxford</u>	Total, Lake Erie Region (<u>\$000's</u>) % of Total
Food Group	14,349.2	54,208.7	11,693.4	16,175.6	96,426.9 22.5
General Merchandise Group	4,607.0	33,676.1	4,169.2	7,313.3	49,765.6 11.6
Automotive Group	20,326.2	104,617.0	14,404.9	23,099.5	162,447.6 37.9
Apparel and Accessories Group	3,294.5	18,937.3	3,218.7	4,775.7	30,226.2 7.1
Hardware and Home Furnishings Group	4,834.6	18,125.0	4,247.2	5,538.5	32,745.3 7.6
Other Retail Stores Group	6,254.2	35,345.3	6,028.0	9,438.4	57,065.9 13.3
Total, All Stores	53,665.7	264,909.4	43,761.4	66,341.0	428,677.5 100.0

Source: Census of Canada, 1961.

TABLE XXIX

SELECTED ECONOMIC MEASUREMENTS FOR COUNTIES, LAKE ERIE ECONOMIC REGION

	Total, Ontario		Lake Erie Region		Elgin		Middlesex		Norfolk		Oxford	
	No.	Rank*	No.	Rank**	No.	Rank**	No.	Rank**	No.	Rank**	No.	Rank**
Population Over 5 Years of Age With a University Education - Percentage	6.0	4	5.0	4	3.7	28	6.3	6	3.0	45	3.5	31
Retail Sales, 1951-1961 - Percentage Change	69.3	4	75.9	4	44.0	40	94.1	5	68.6	18	50.8	33
Agricultural Employment, 1961 - % of Total Labour Force***	7.1	17.4	9	25.5	42	7.8	21	42.7	53	23.8	40	
Total Population, 1961 - Thousands	6,236.1	405.3	6	62.9	28	221.4	5	50.5	34	70.5	27	
Population, 1951-1961 - Percentage Change	35.6	27.0	6	13.2	38	36.6	11	18.2	32	19.9	28	
Average Family Income, 1961 - Dollars	5,868	5,447	6	4,920	29	5,824	9	4,666	39	5,062	25	
Persons 20 to 49 Years of Age, 1961 - Percentage of Population	40.0	38.4	6	36.2	31	40.1	10	36.6	25	36.6	25	
Wage-Earners Making More Than \$6,000 a Year, 1961 - % of Total Wage-Earners	10.4	7.3	7	6.3	24	8.8	17	3.8	47	4.7	38	
Wage-Earners Making Less Than \$1,000 a Year, 1961 - % of Total Wage-Earners***	12.3	15.7	9	19.4	43	12.9	12	25.4	53	17.0	35	
Average Income of Employees in Manufacturing, 1961 - Dollars	4,330	3,954	8	3,711	30	4,643	23	3,901	25	3,843	28	
Immigrant Population, 1961 - % of Total Population	21.7	19.7	4	18.6	14	20.3	10	23.0	7	16.6	17	
Value Added in Manufacturing Per Employee, 1961 - Dollars	9,084	8,147	7	6,163	42	8,447	24	9,098	17	7,855	27	
King's Highways, 1963 - Miles	9,749.4	-	-	-	-	-	-	-	-	-	-	
Motor Vehicle Registrations, 1951-1961 - Percentage Change	79.2	59.5	6	51.7	30	74.5	16	44.2	35	41.7	36	
Homes in Need of Major Repair, 1961 - % of Total Homes	4.5	5.3	5	7.6	42	3.9	8	6.8	33	6.4	28	
Urban Population, 1961 - % of Total Population	77.3	68.0	8	48.9	33	86.2	6	34.6	42	51.4	30	
Per Capita Disposable Personal Income, 1961 - Dollars	1,640	1,520	6	1,500	18	1,610	14	1,370	27	1,350	29	
Labour Force, 1961 - Percentage of Total Population	38.4	38.8	3	36.8	16	40.0	4	38.6	6	37.0	14	

* Ranking out of 10 regions.

** Ranking out of 53 counties and districts (Kenora and Rainy River combined).

*** Reversed rankings.

Source: Ontario Statistical Review, 1964, Ontario Department of Economics and Development.

P A R T III

ECONOMIC CHARTS - OF SLIDE PRESENTATION

POPULATION DISTRIBUTION, Counties, Lake Erie Region, 1961



Middlesex 221,422 54.6%

Oxford 70,499 17.4%

Elgin 62,862 15.5%

Norfolk 50,475 12.5%

Province 6,236,092 100.0%

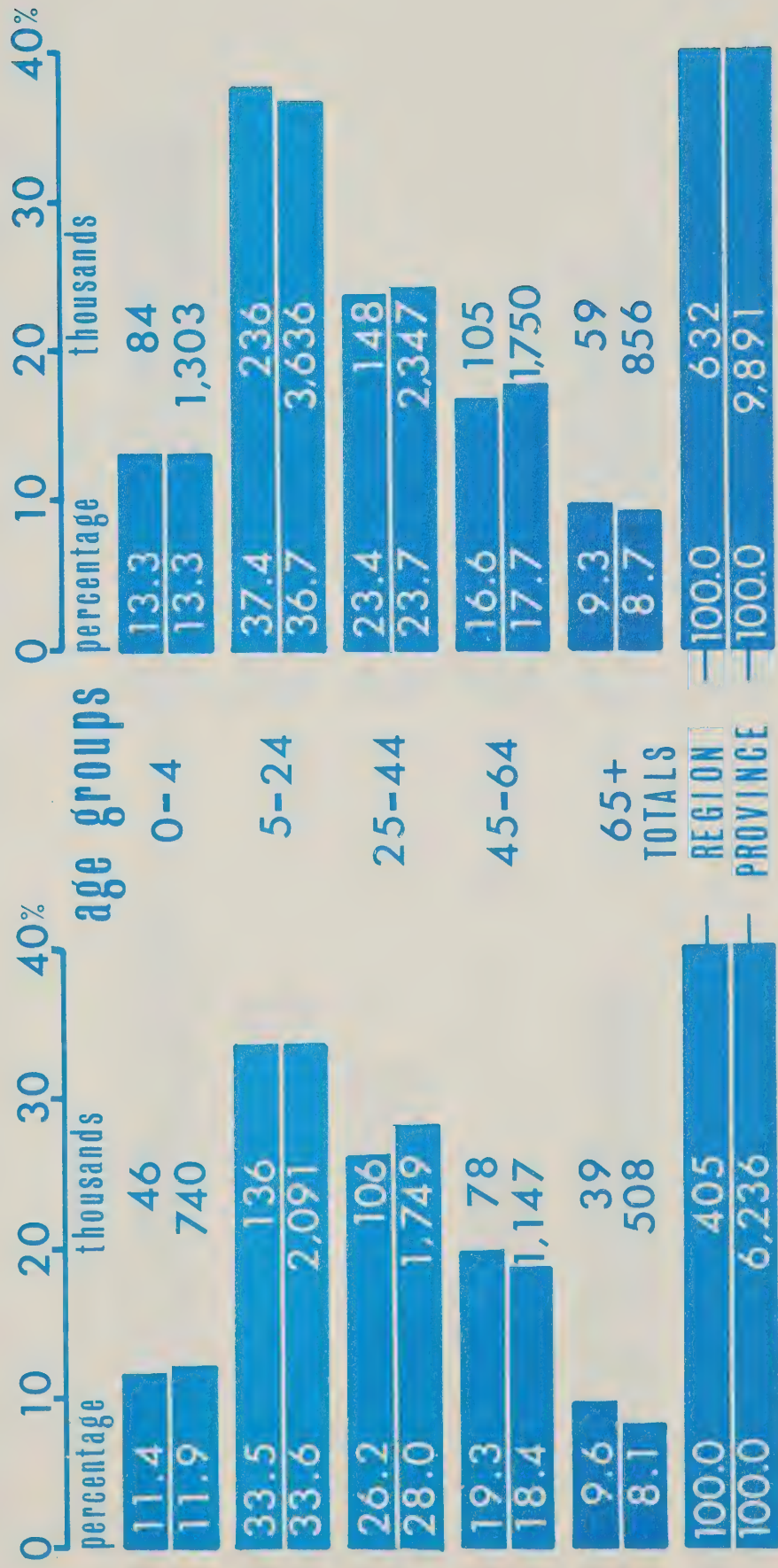
Region 405,258 6.5%

AGE DISTRIBUTION OF POPULATION

Lake Erie Region and Ontario, 1961 and 1981

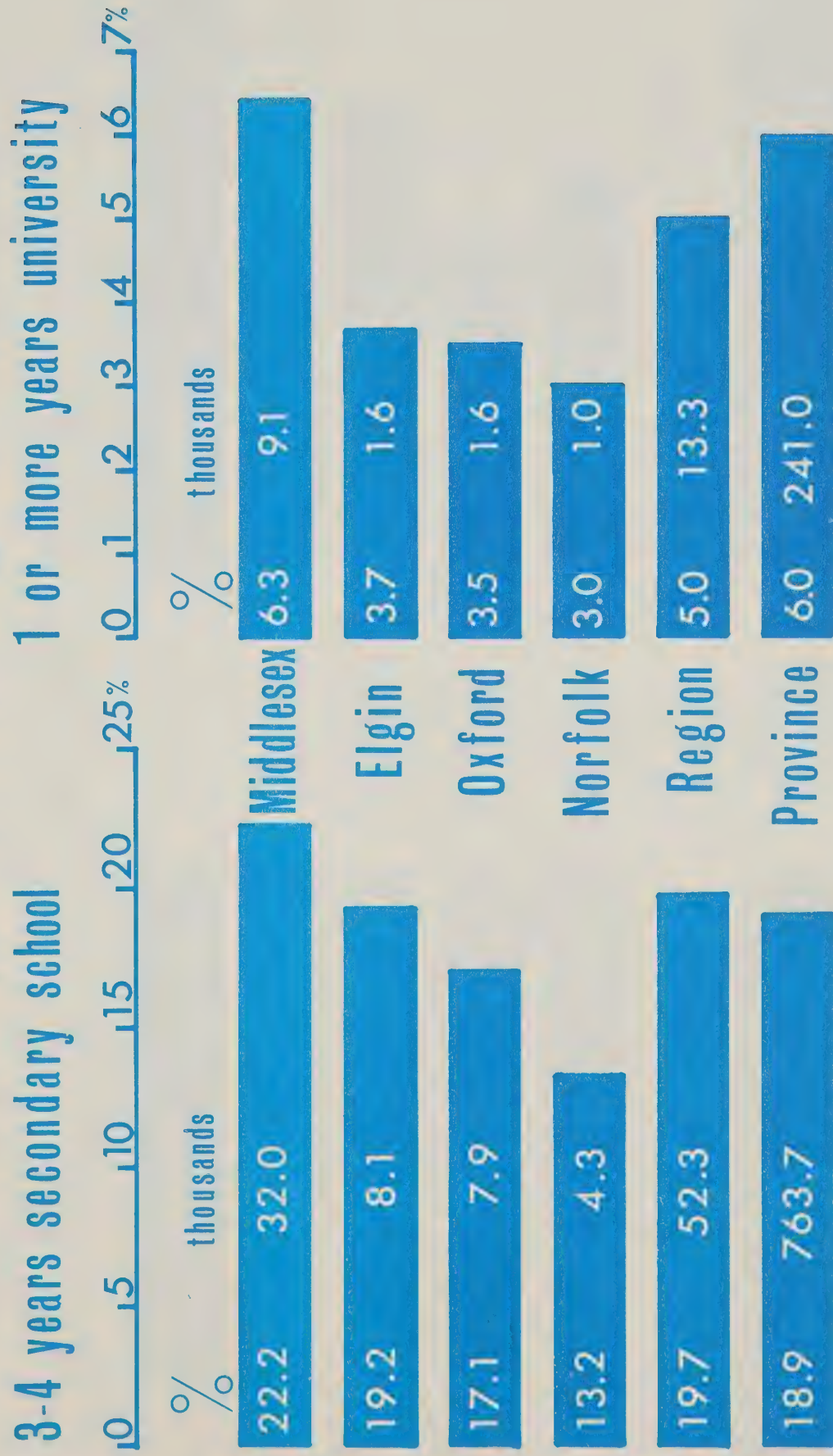
1961

1981



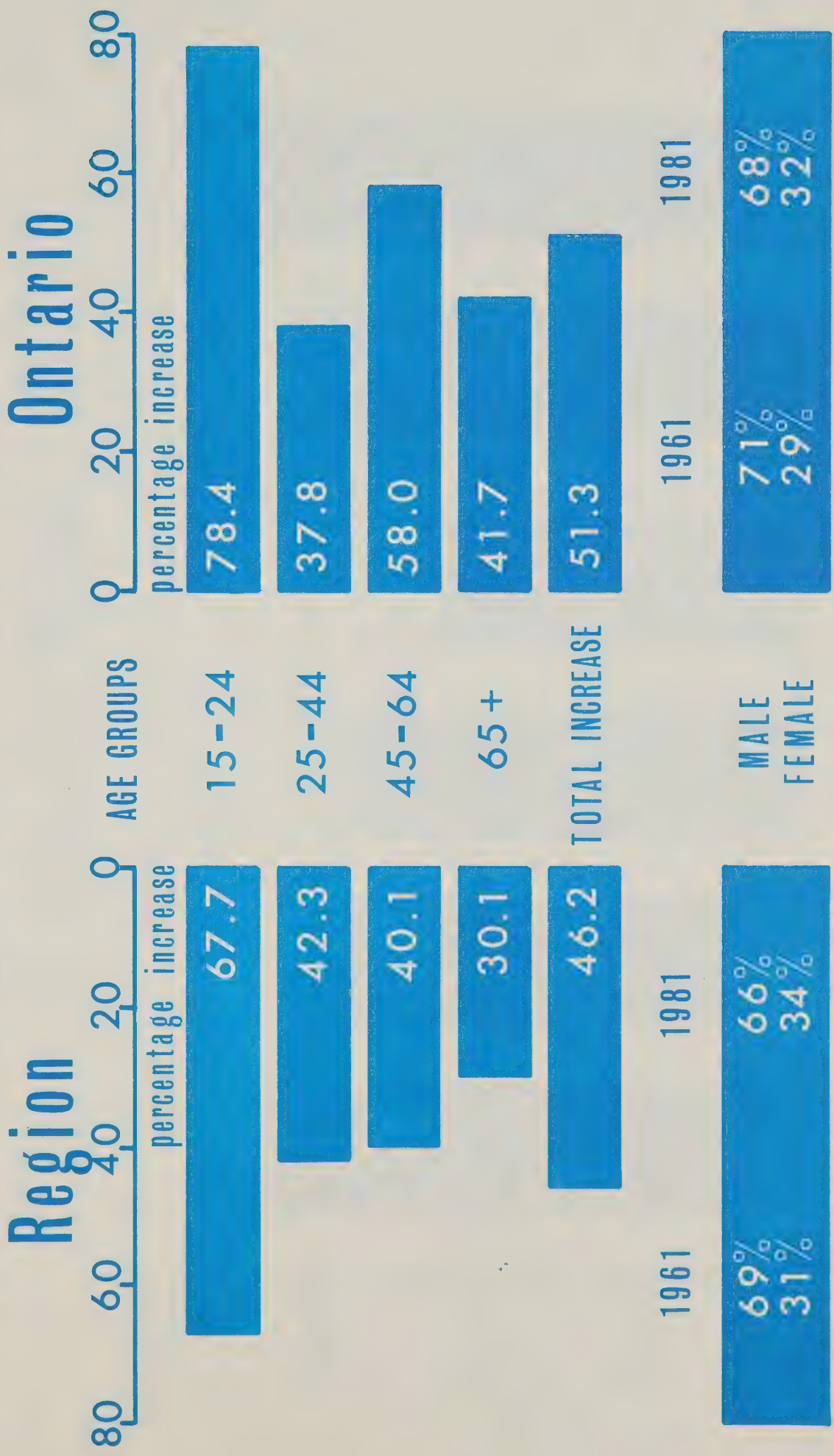
PERCENTAGE OF POPULATION BY EDUCATION GRADES

Counties, Lake Erie Region, 1961



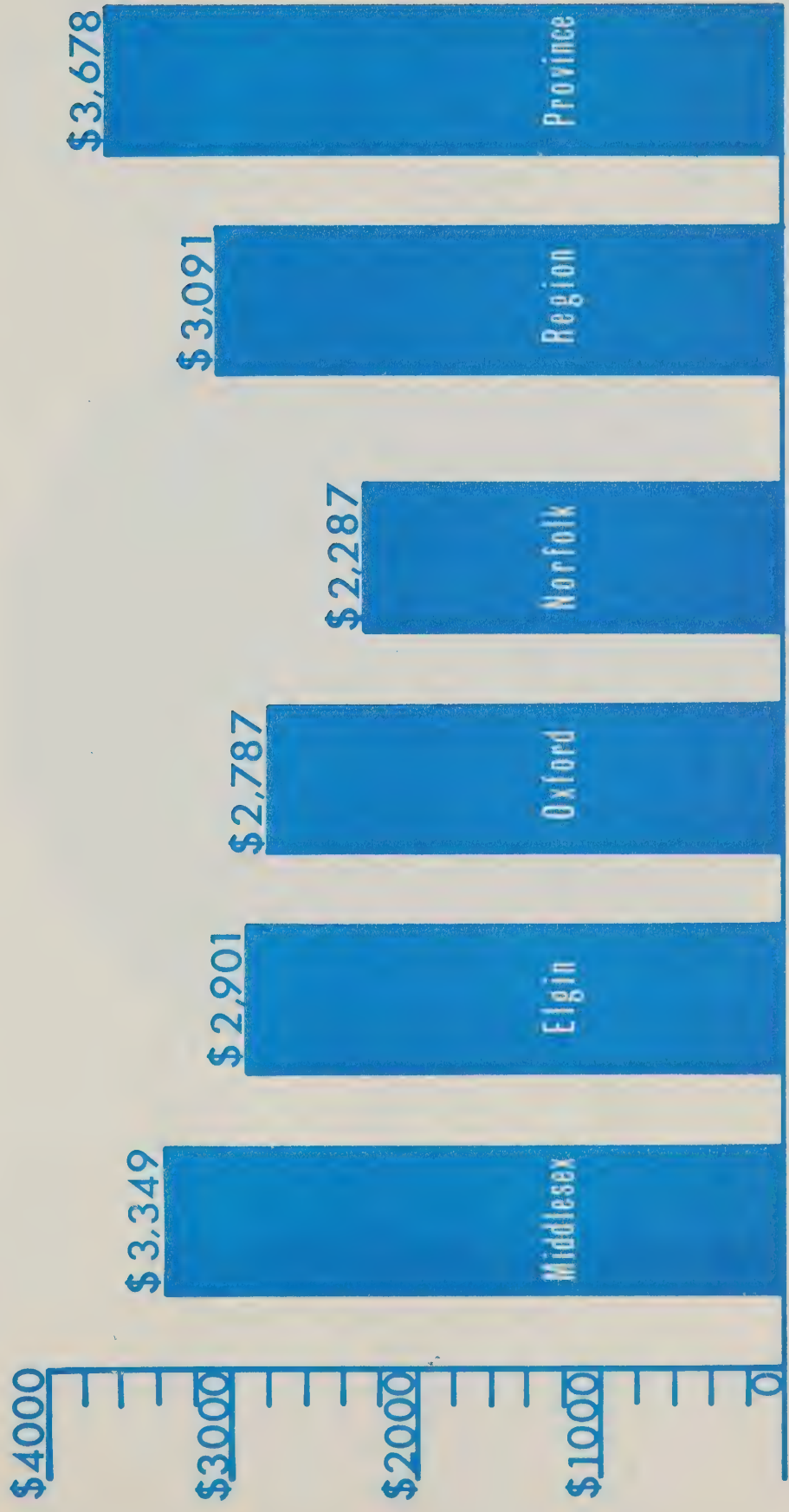
PROJECTED PERCENTAGE CHANGE IN LABOUR FORCE

Lake Erie Region and Ontario, 1961 to 1981



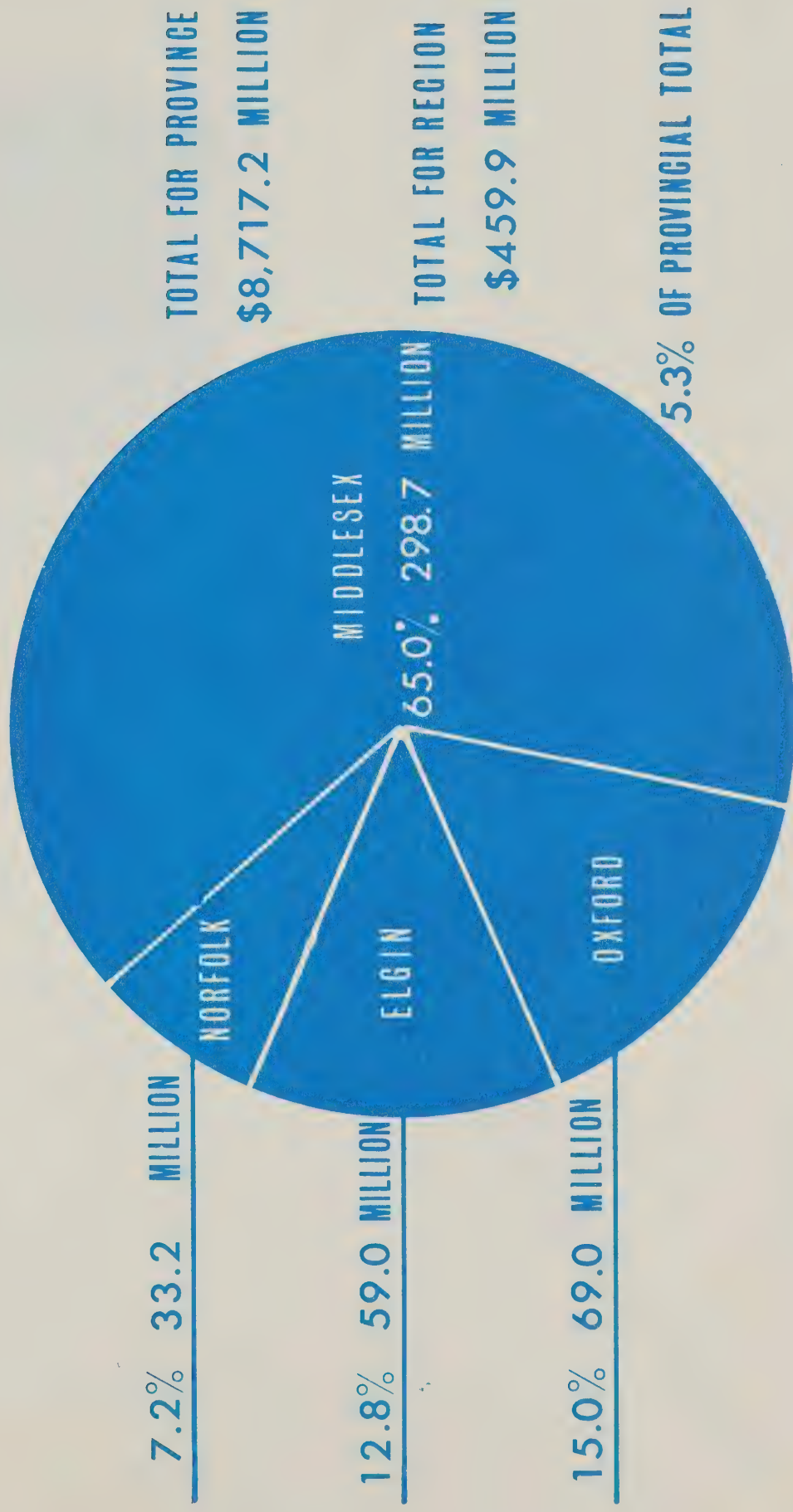
AVERAGE PER CAPITA INCOME OF LABOUR FORCE

Counties, Lake Erie Region, 1963



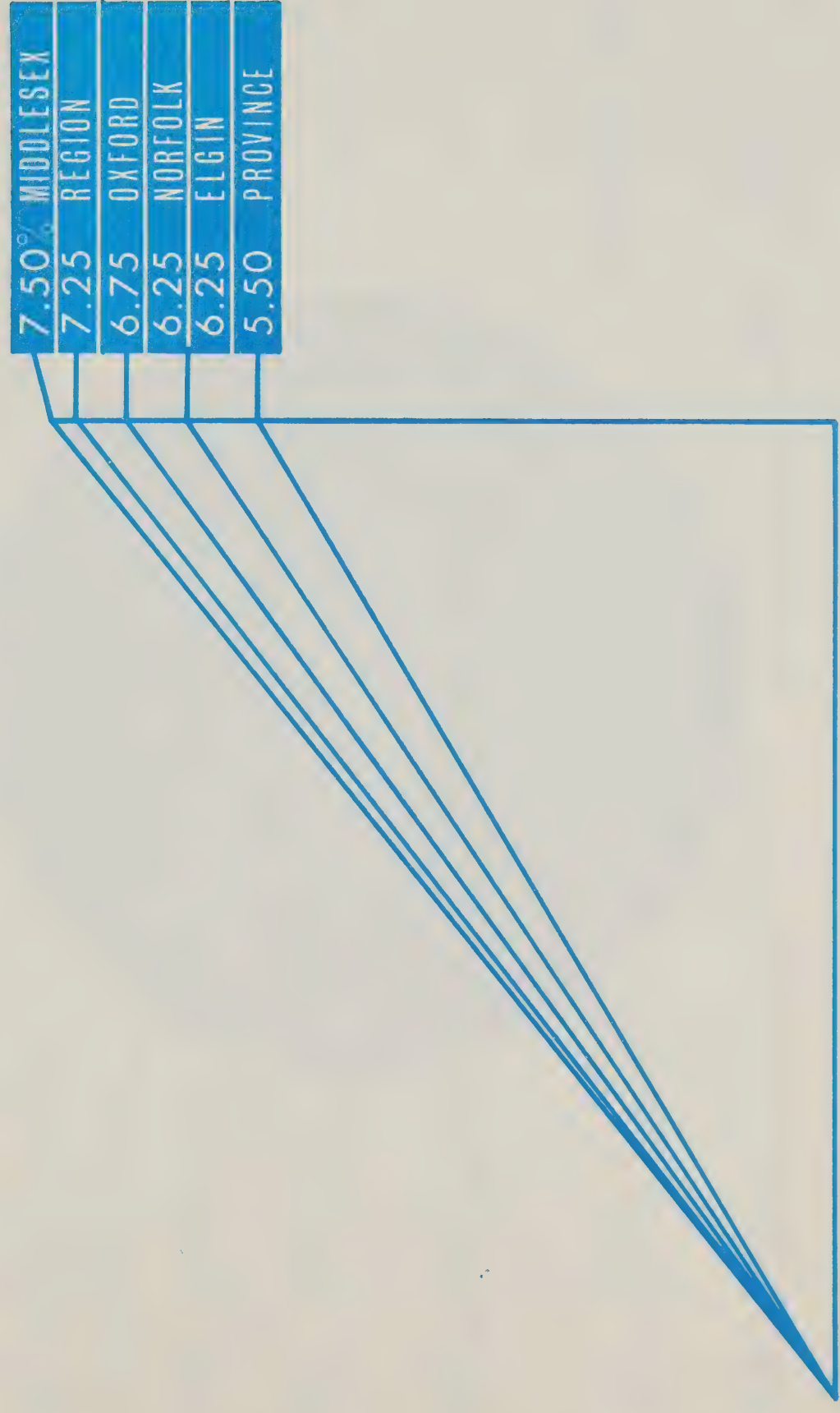
TOTAL LABOUR INCOME

Counties, Lake Erie Region, 1963.

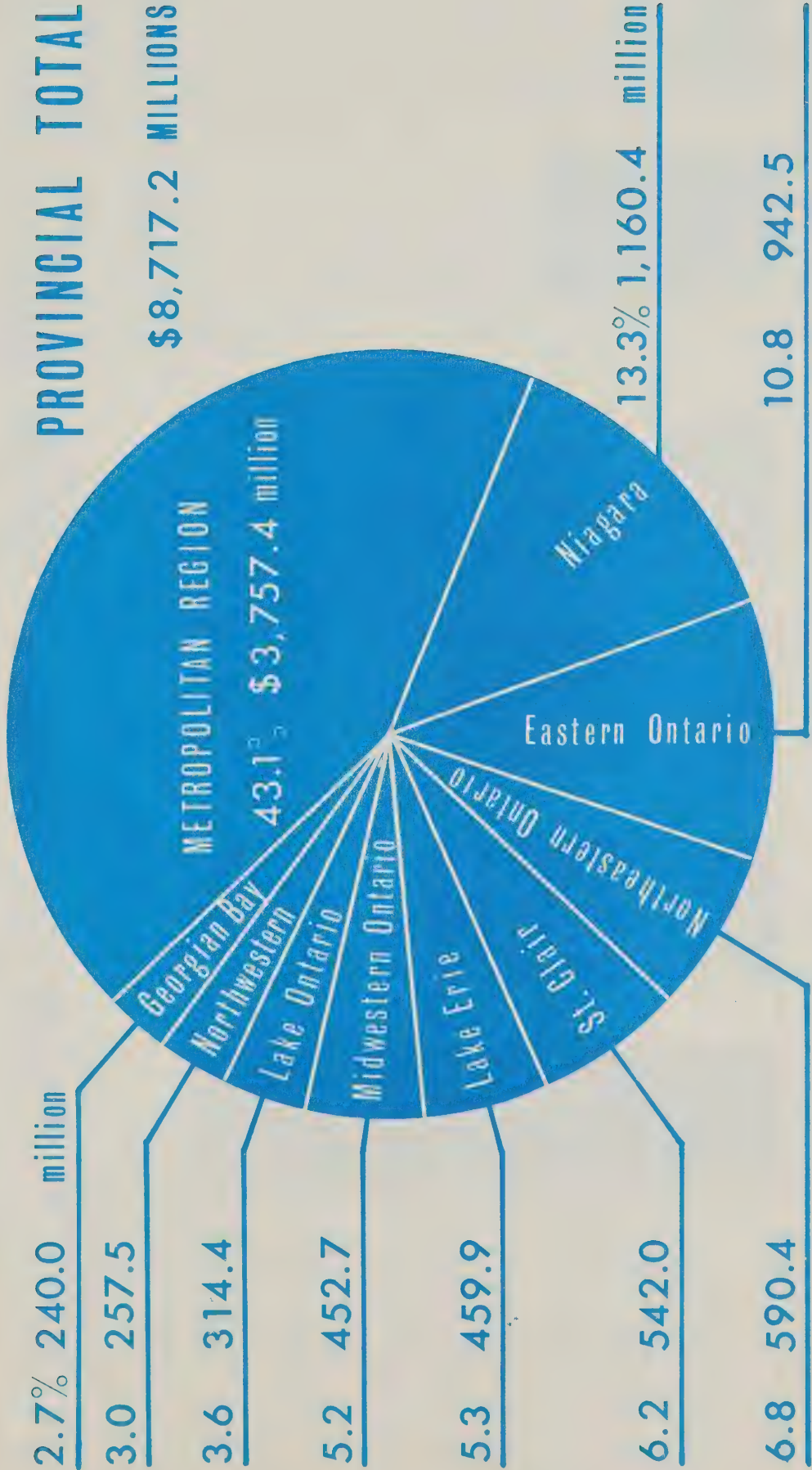


GROWTH RATES OF TOTAL LABOUR INCOME

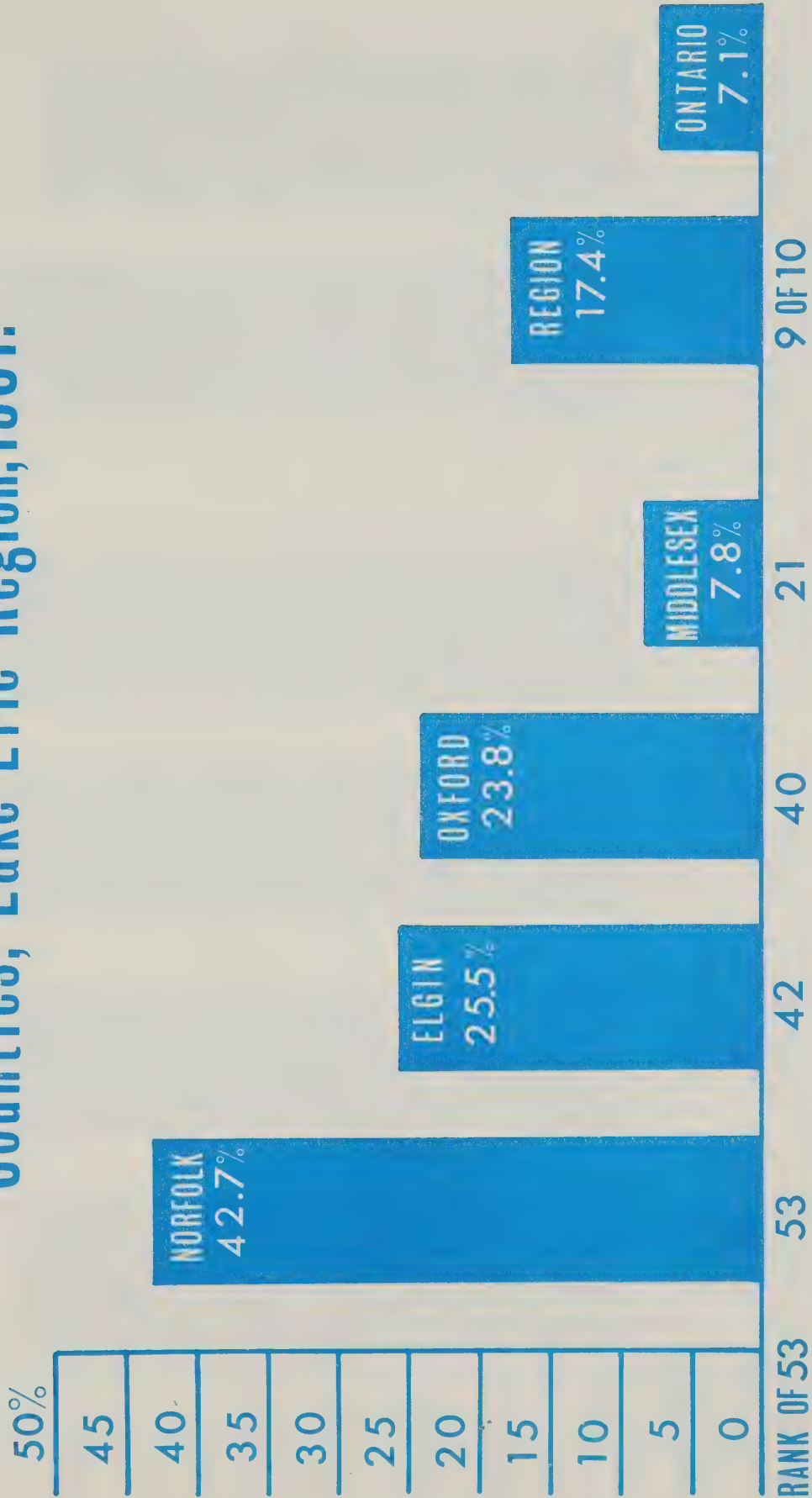
Counties, Lake Erie Region, 1957 to 1963



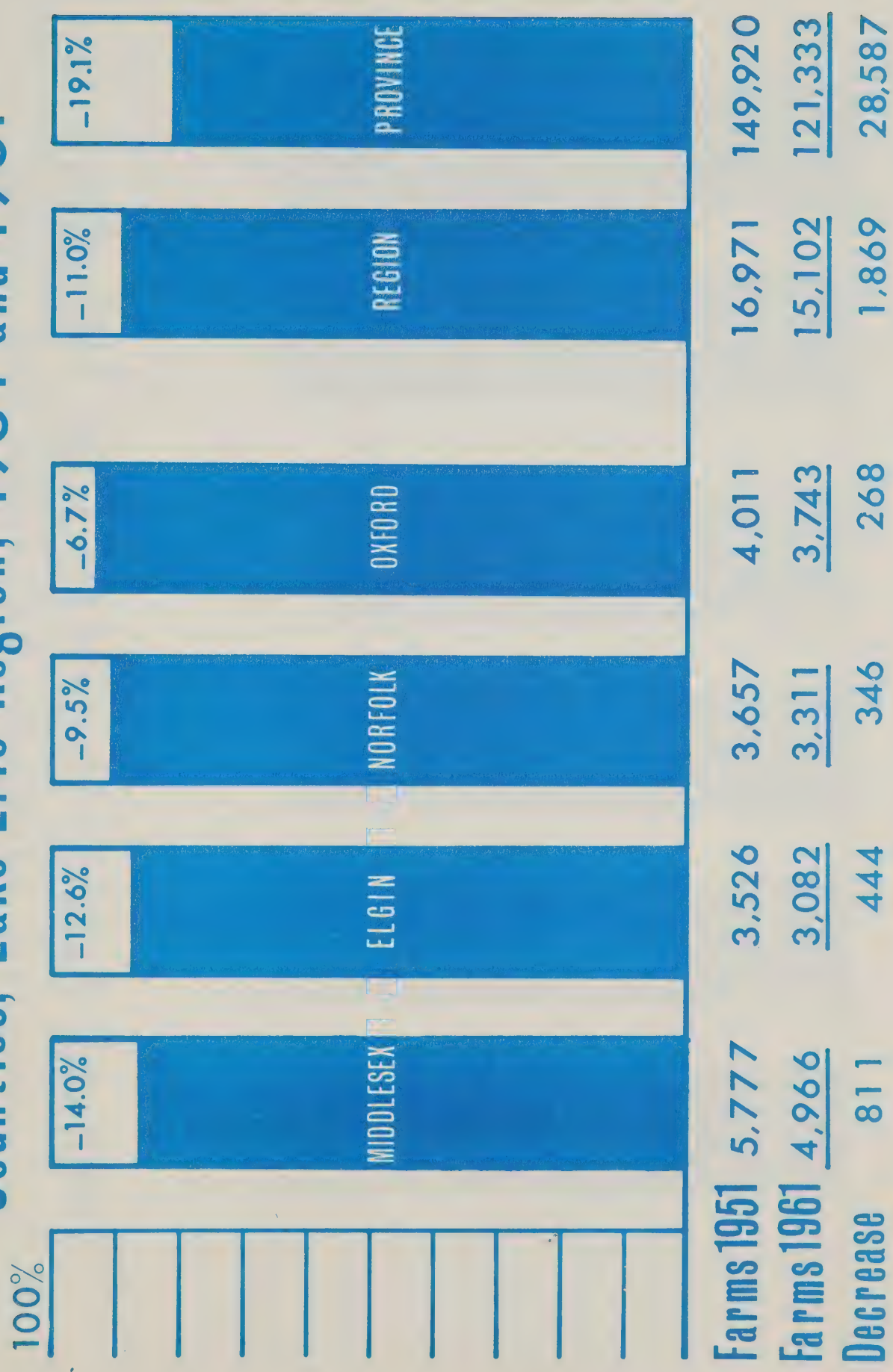
TOTAL INCOME BY REGIONS, Province of Ontario, 1963.



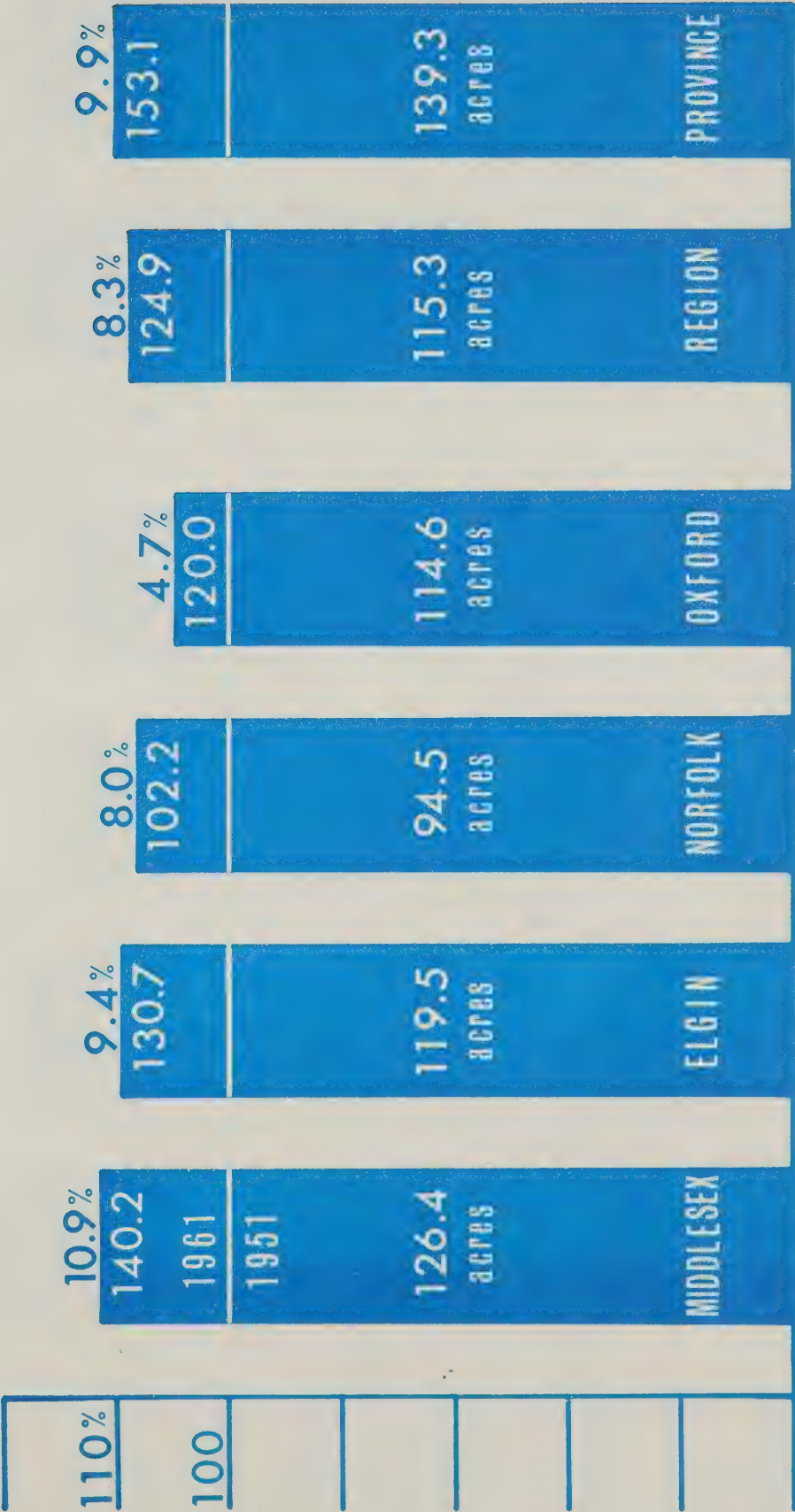
AGRICULTURAL EMPLOYMENT, As a percentage of the labour force. Counties, Lake Erie Region, 1961.



DECREASE IN THE NUMBER OF FARMS, Counties, Lake Erie Region, 1951 and 1961



INCREASE IN AVERAGE ACREAGE PER FARM
Counties, Lake Erie Region, 1951 and 1961



INCREASE IN CATTLE ON FARMS, Counties, Lake Erie Region, 1954 to 1964.



	cattle on farms		
1964	131,730	171,140	68,750
1954	101,880	140,540	62,250
Increase	29,850	30,600	6,500
			1,980
		399,590	3,303,000
		<u>330,660</u>	<u>2,890,000</u>
		68,930	413,000

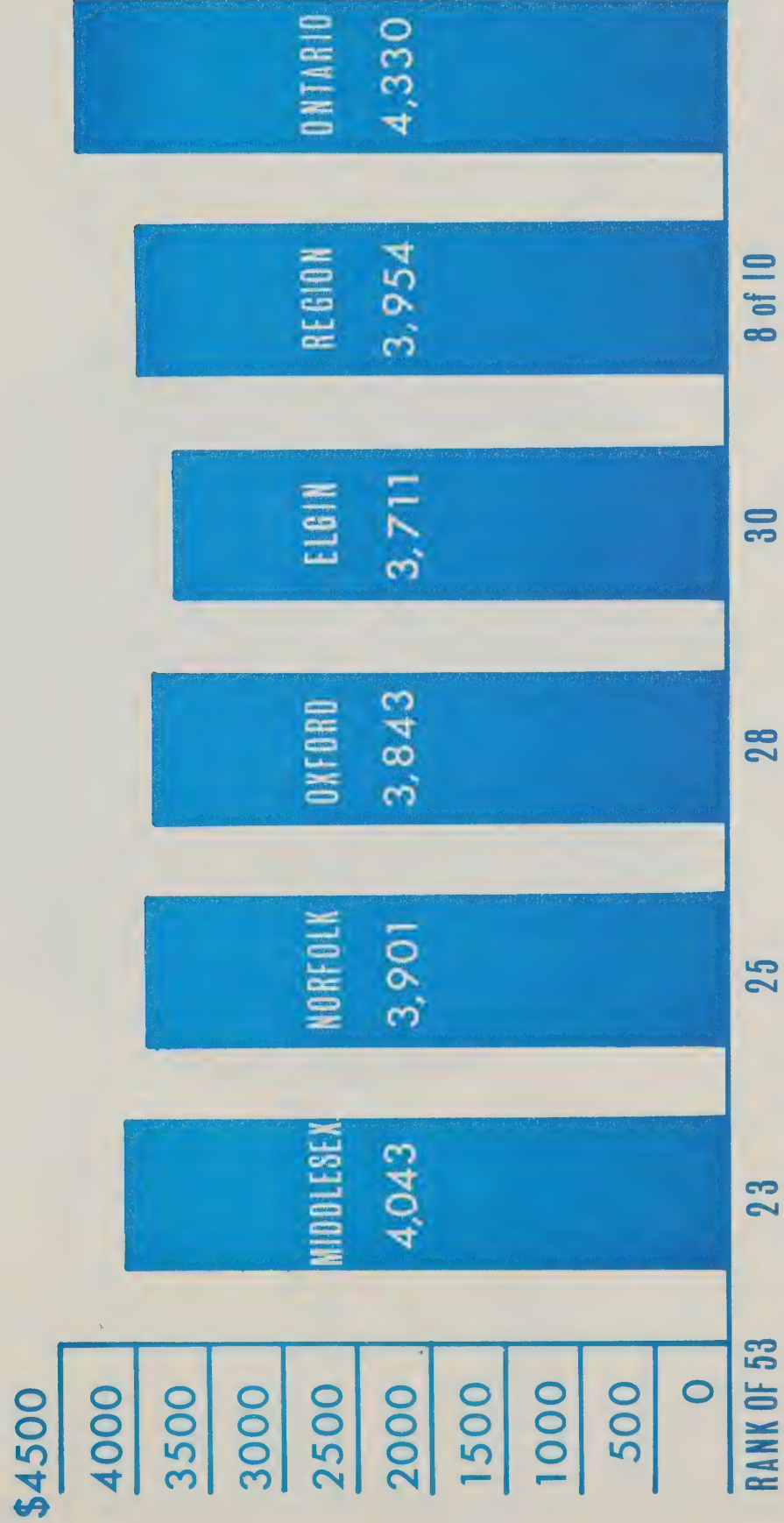
PRODUCTION OF FLUE CURED TOBACCO

Counties, Lake Erie Region, 1958 and 1964



TOTALS ONTARIO	173.3 million pounds	100.0%	136.5 million pounds	100.0%
TOTALS REGION	142.0	81.9%	111.2	81.5%

AVERAGE INCOME OF EMPLOYEES IN MANUFACTURING, Counties, Lake Erie Region, 1961.

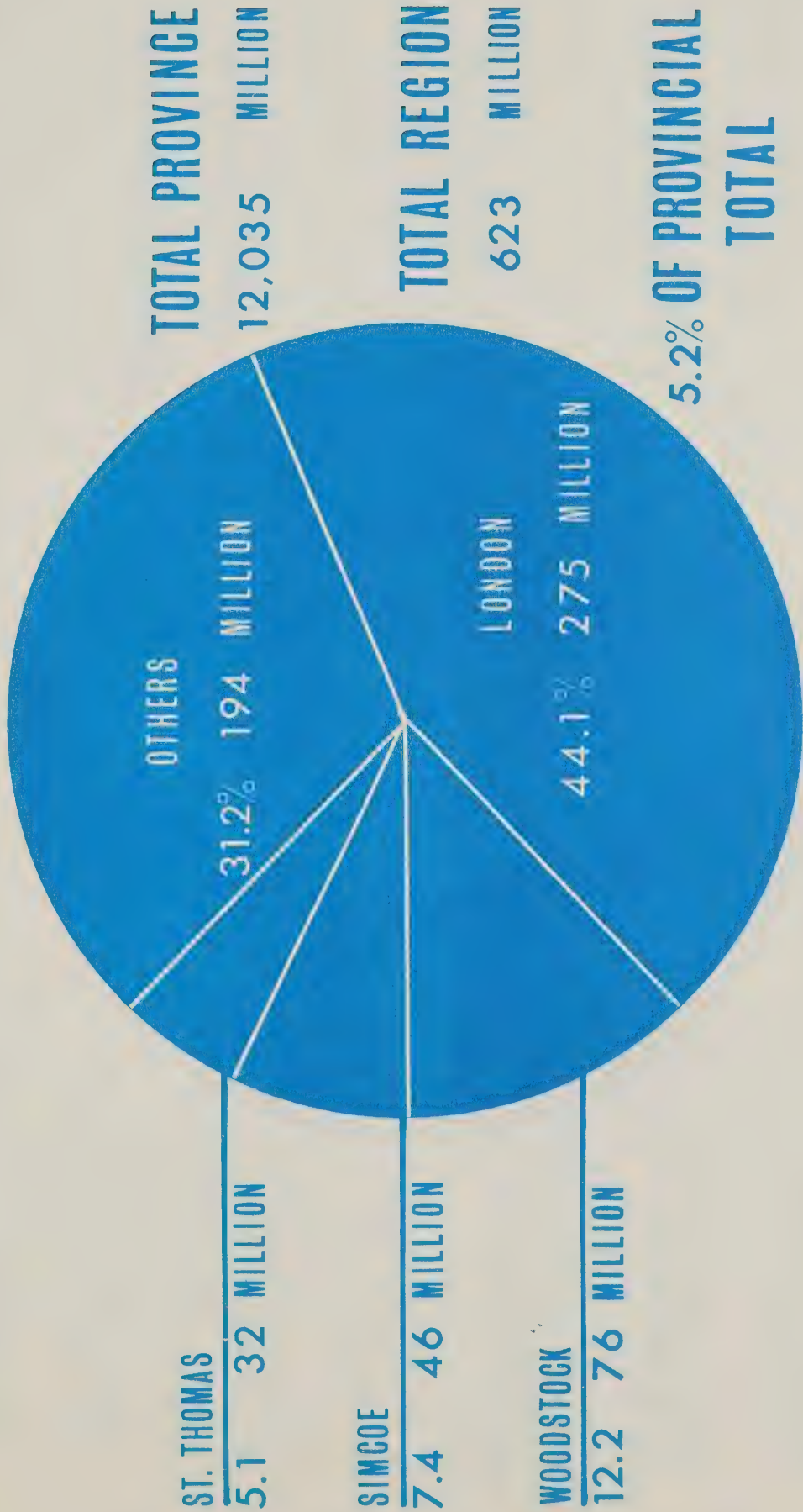


TOTAL SELLING VALUE OF FACTORY SHIPMENTS

Counties, Lake Erie Region, 1961

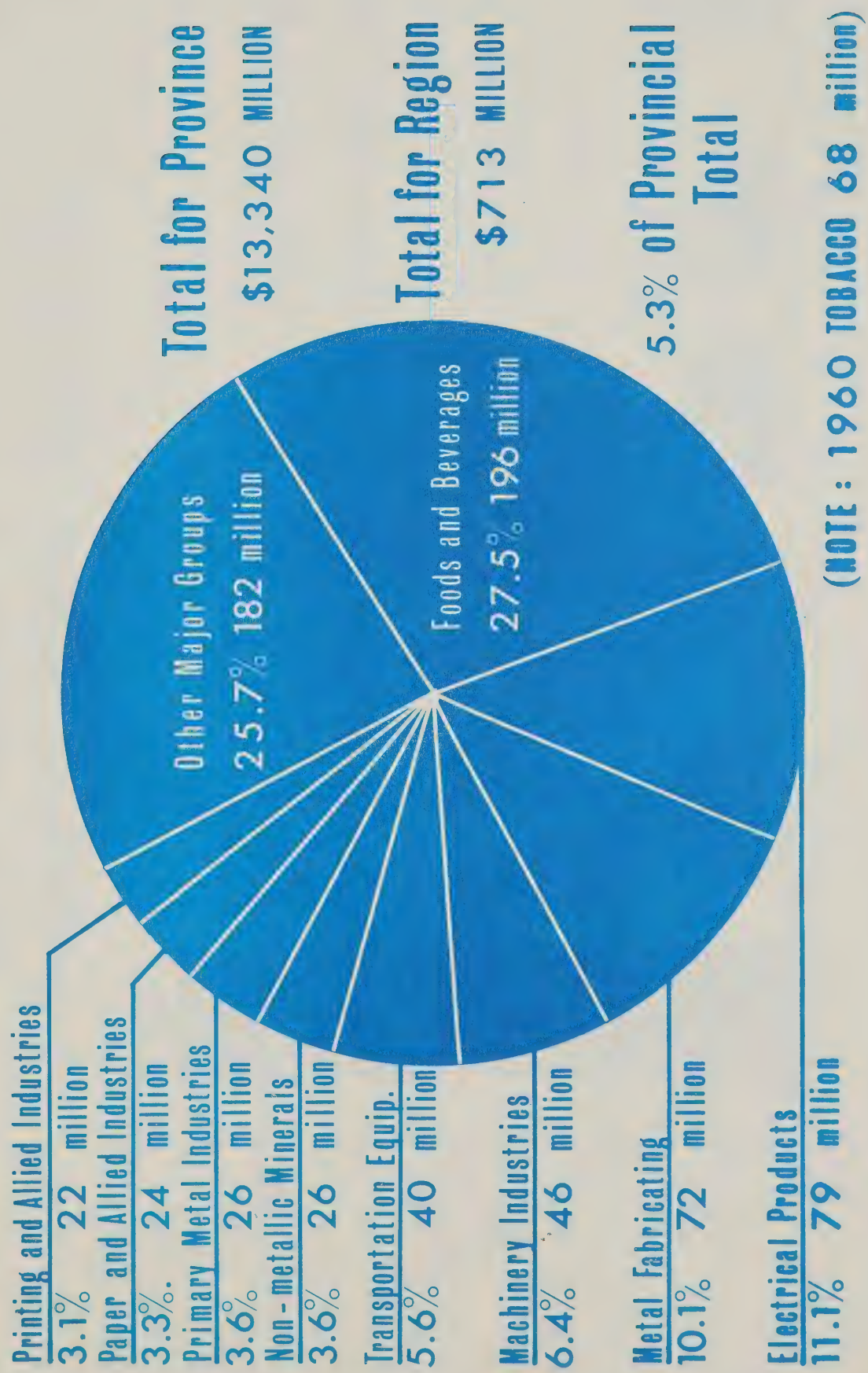


TOTAL SELLING VALUE OF FACTORY SHIPMENTS, Major Urban Centres, Lake Erie Region, 1961.

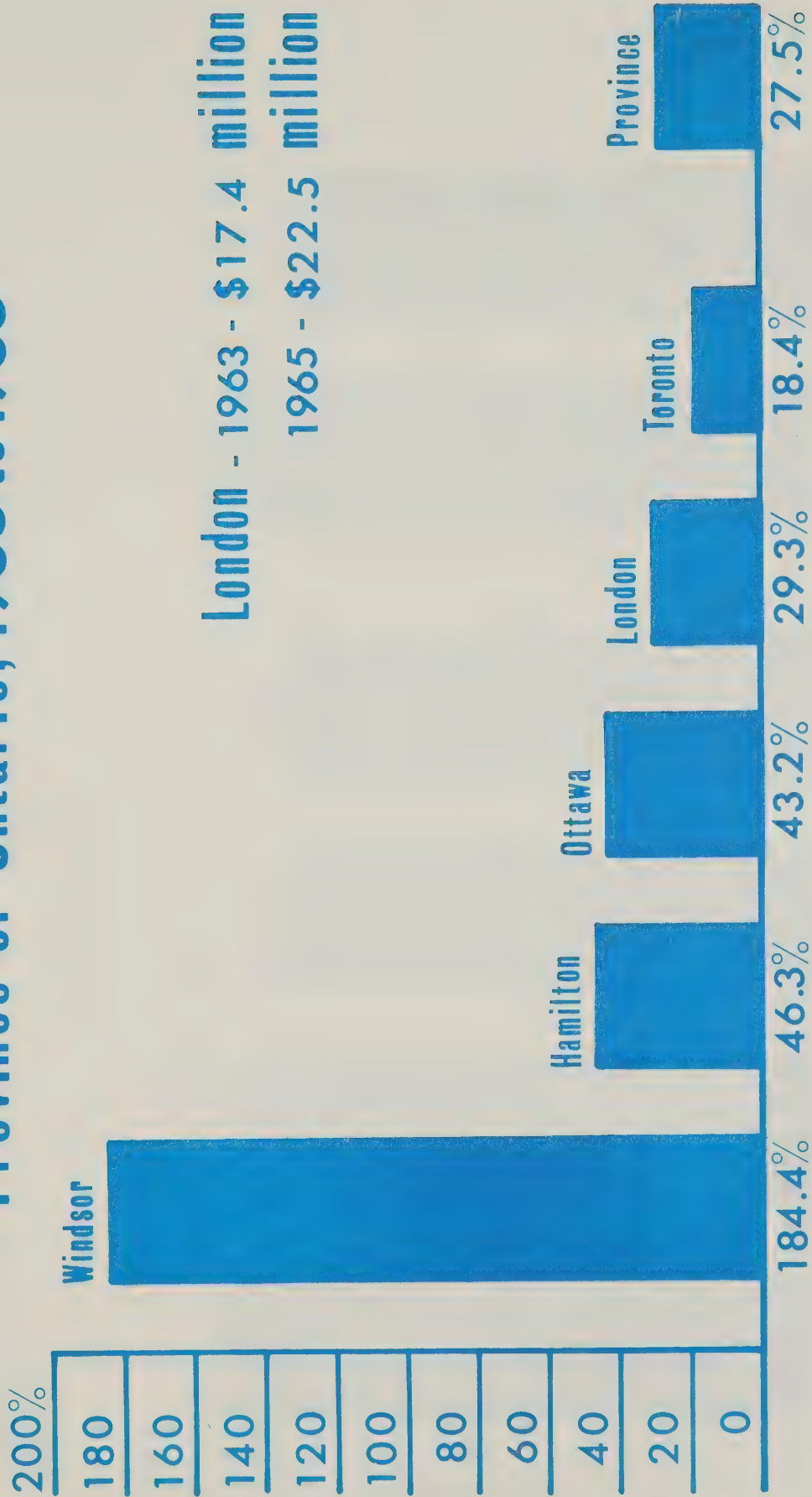


TOTAL SELLING VALUE OF FACTORY SHIPMENTS

Lake Erie Region, 1962



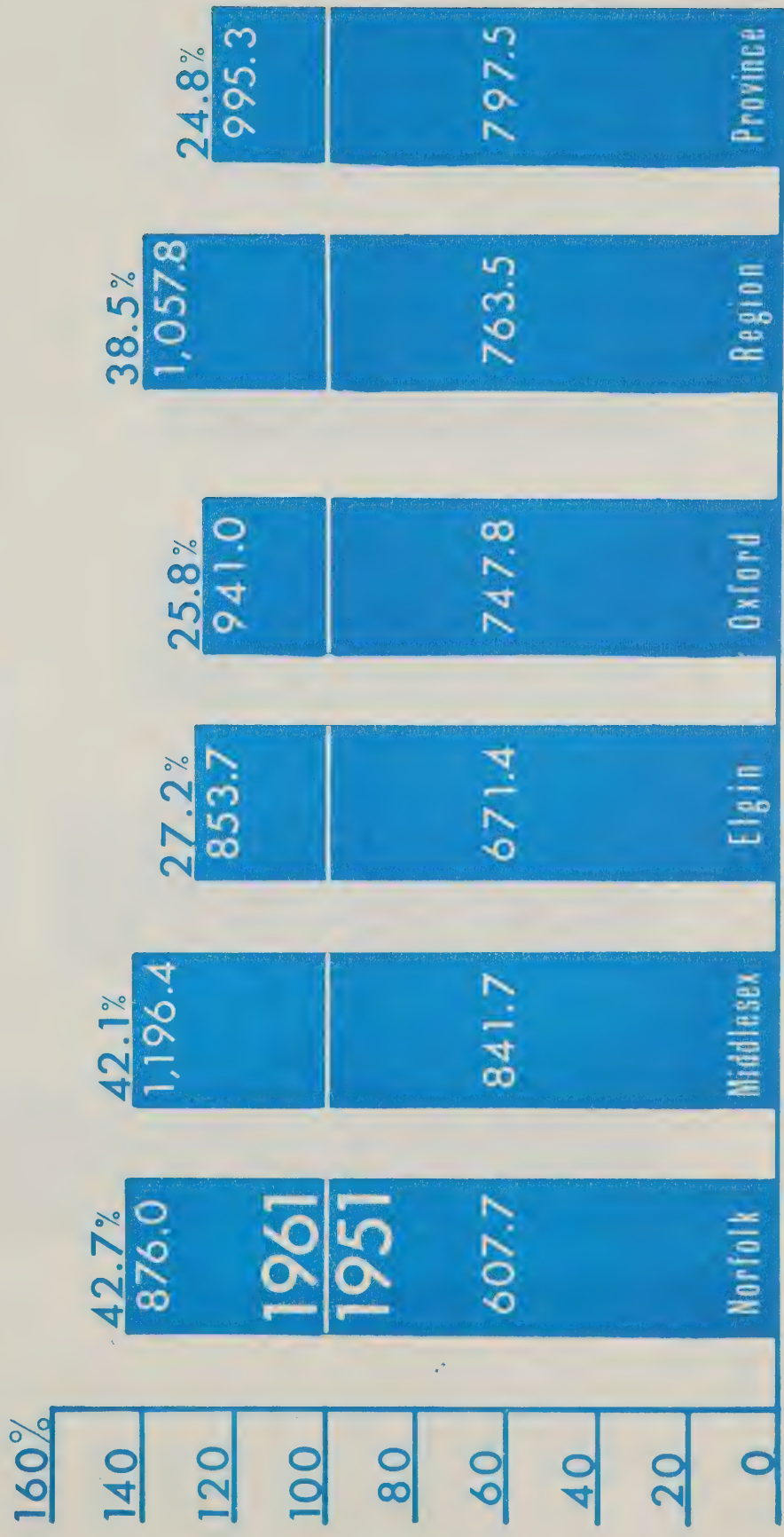
GROWTH OF INVESTMENT IN MANUFACTURING, Major Metropolitan Centres, Province of Ontario, 1963 to 1965



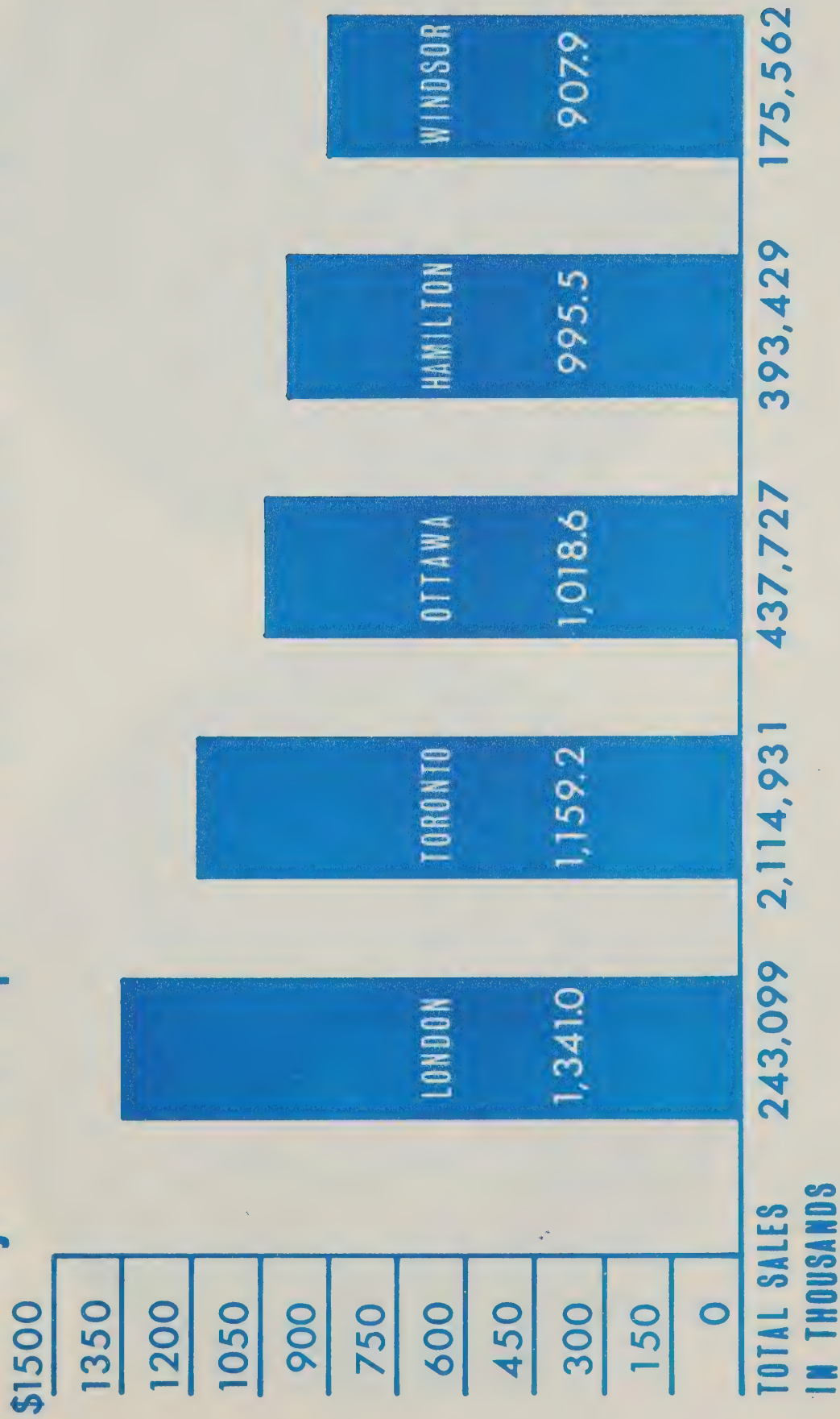
GROWTH OF RETAIL SALES PER CAPITA

Counties, Lake Erie Region, 1951 to 1961

Sales in dollars



VALUE OF RETAIL SALES PER CAPITA Major Metropolitan Centres, Ontario, 1961.



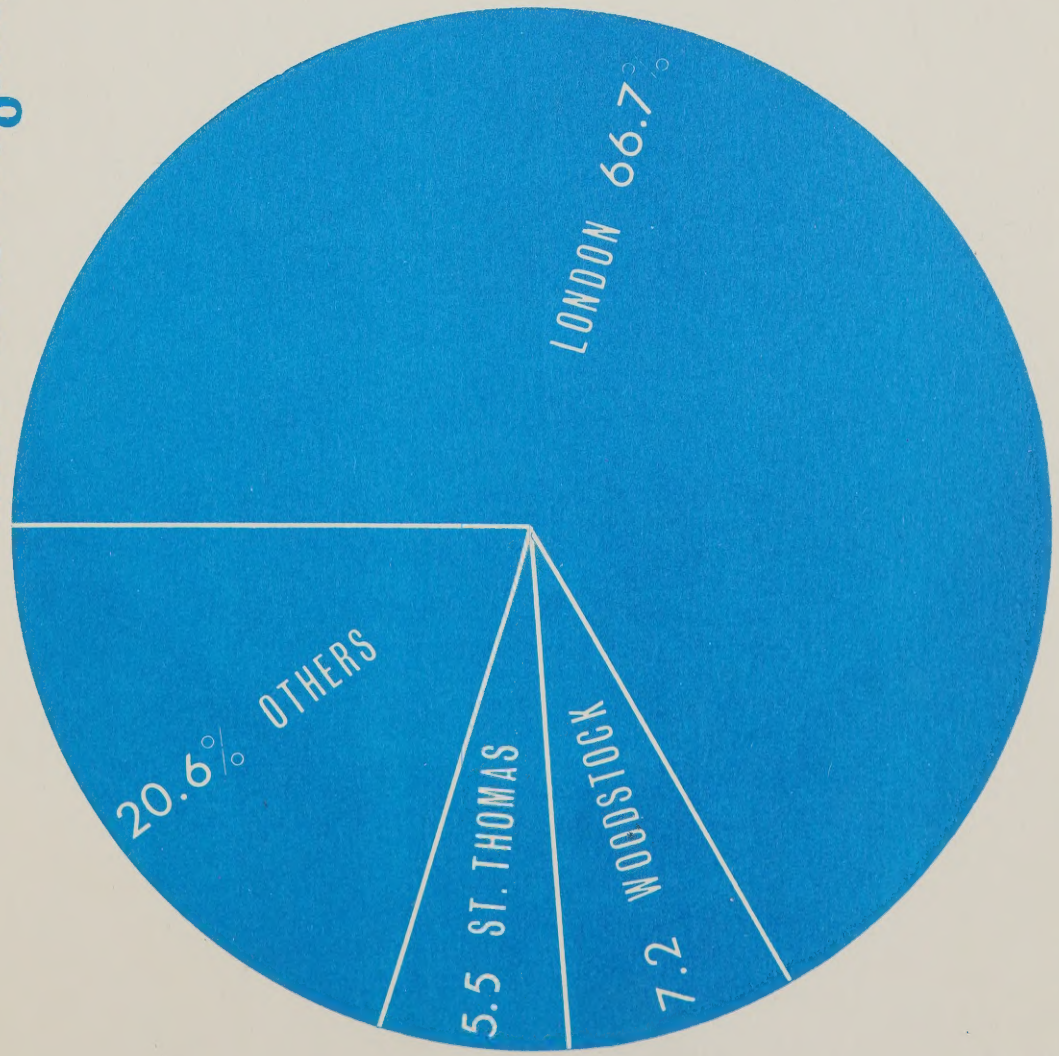
BUILDING PERMITS LAKE ERIE REGION

1951 1964



TOTAL ONTARIO	\$443,892	100.0%	\$1,434,083	100.0%
TOTAL REGION	21,667	4.9%	78,176	5.5%

VALUE OF BUILDING PERMITS, MAJOR URBAN CENTRES, Lake Erie Region, 1964.



	\$ Thousands	
London metro	52,163	66.7%
Woodstock city	5,608	7.2%
St. Thomas city	4,332	5.5%
Others	16,073	20.6%
Region	78,176	100.0%

